

Figure 1A

FIG. 1B

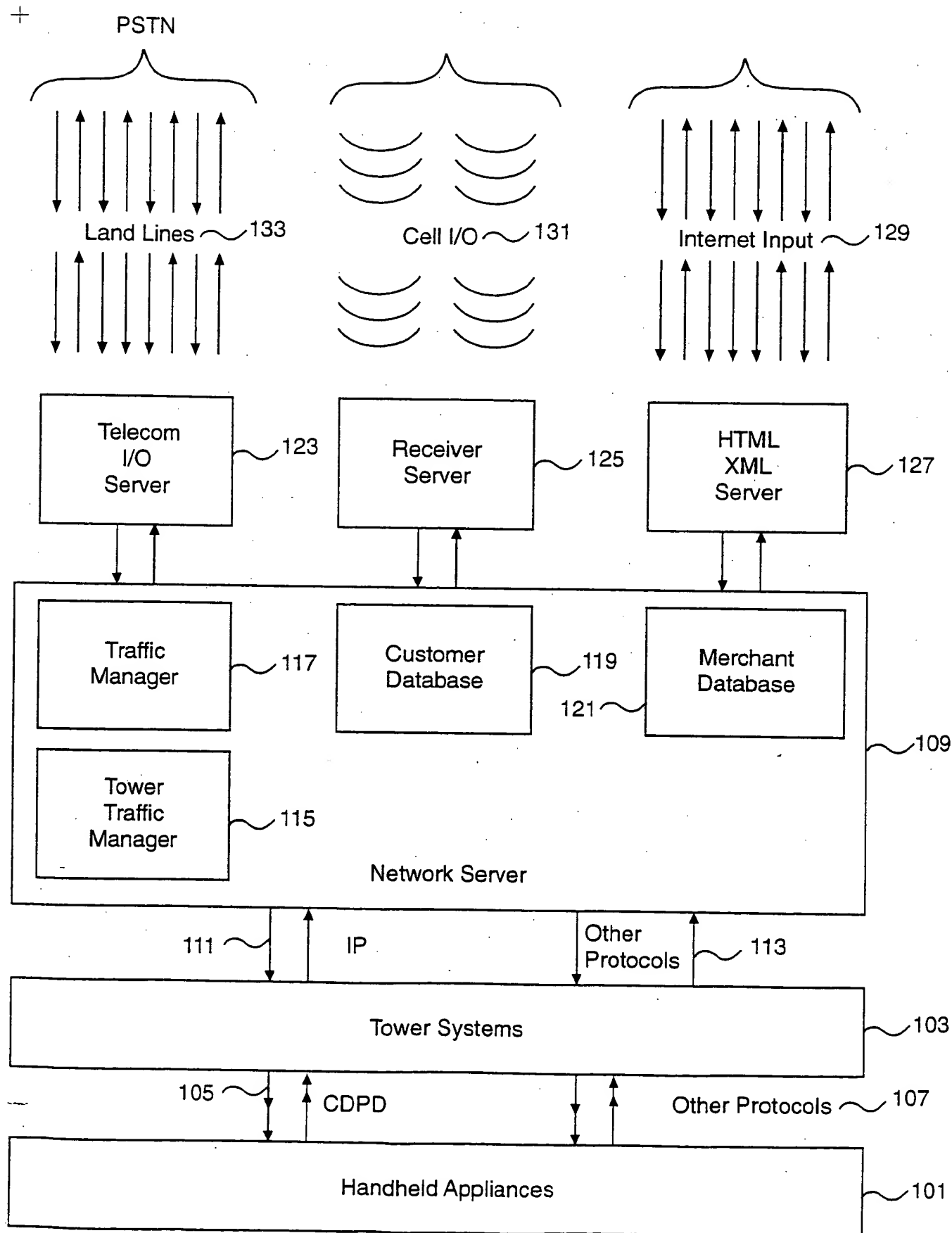


Figure 1B

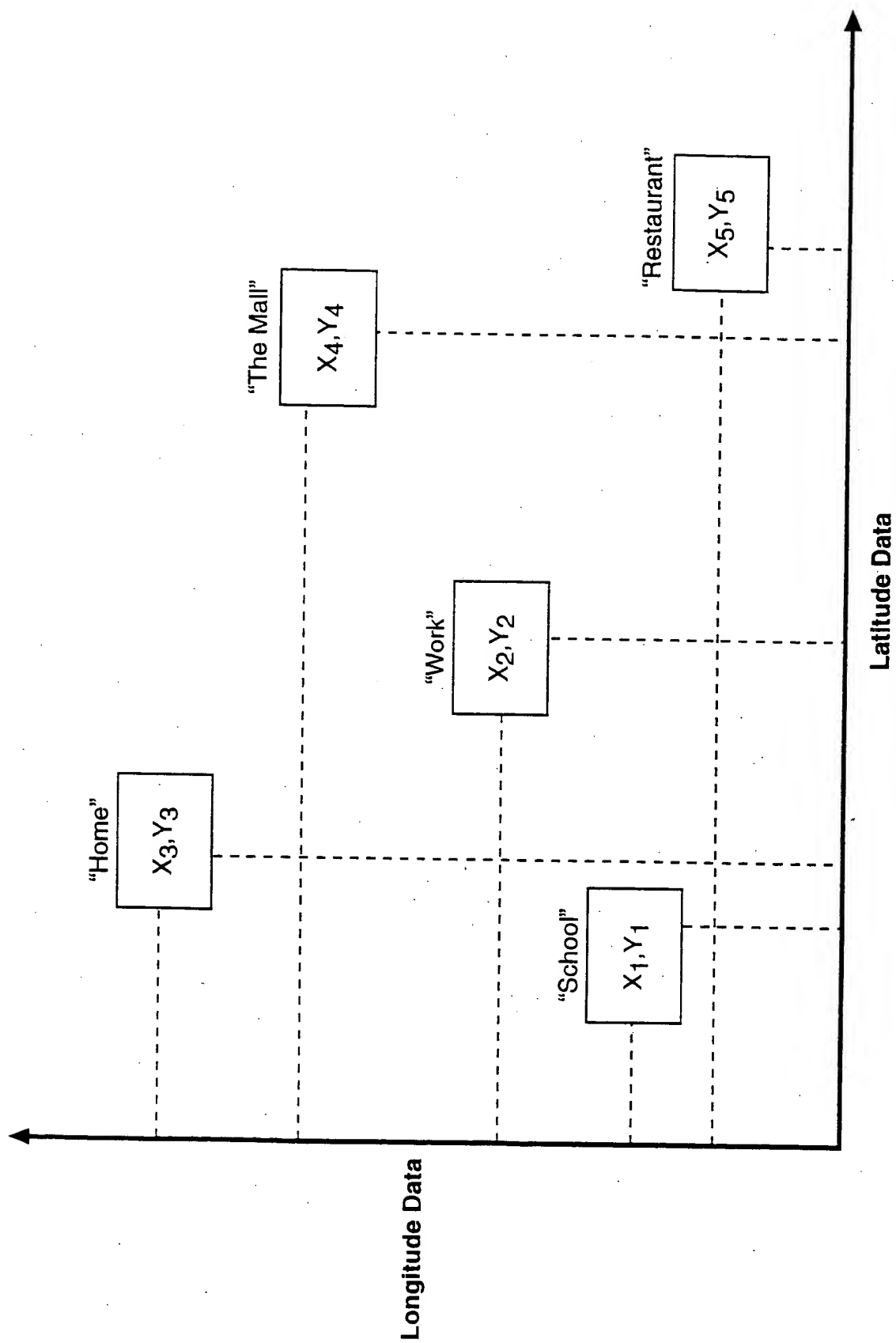


Figure 1C

FOREFEED" 23444650

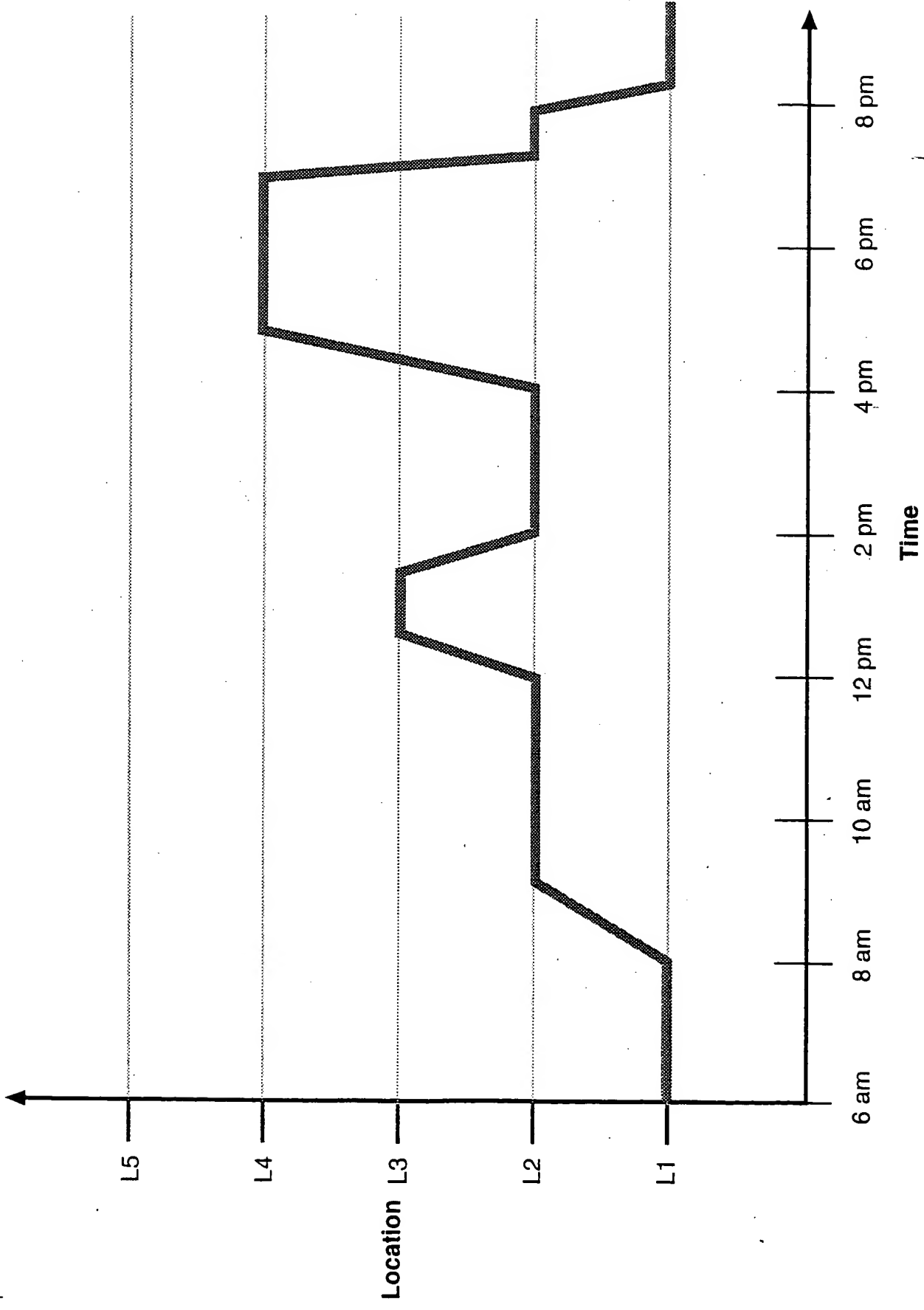


Figure 1D

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| | | | | |
|-----|-----------------------|------------------|------------|-------------|
| 151 | Biographic Data | Data | Confidence | Correlation |
| 163 | Name | Sue | High | Yes |
| 165 | Gender | Female | High | Yes |
| 167 | Age | 13 | Medium | Yes |
| 169 | Ethnic Background | Chinese-American | Medium | No |
| 153 | Demographic Data | | | |
| 171 | Culture | American | Low | No |
| 173 | Region | East Coast | High | Yes |
| 175 | Likely Family Income | High | Low | No |
| 155 | Preferences Data | | | |
| 177 | Action Movies | High Interest | High | No |
| 179 | Hip-Hop Music | Low Interest | Low | No |
| 181 | Clothing from The GAP | High Interest | High | Yes |

Figure 1E

FOREFORD 2844650

| Tower No. | Region | Adjoining Regions | Favorite Places | Network Affiliates |
|-----------|--------|-------------------|-----------------------|----------------------------|
| 203 | 213 | 221 | 225 Riding Stables | 253 Game Arcade |
| | | 215 | 227 Water Park | 255 Video Store |
| | | | | 257 Taco Stand |
| | | | | 259 Book Store |
| | | | | 261 Riding Supply Store |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Figure 1G (1 of 5)

FOREFEED 2344450

| Tower No. | Region | Adjoining Regions | Favorite Places | Network Affiliates |
|-----------|--------|-------------------|-----------------------------|----------------------------------|
| 205 | 215 | 213 | 229 Aunt Jane's House | 263 24-Hour Gym |
| | | 217 | 231 Linear Park | 265 Ice Skating Rink |
| | | 221 | 233 Pottery Supply Store | 267 Sporting Goods Superstore |
| | | | | 269 Promdress Shop |
| | | | | 271 Belgian Chocolate Store |
| | | | | 273 Pet Store |
| | | | | 278 Model Train Store |
| | | | | |
| | | | | |

Figure 1G (2 of 5)

| Tower No. | Region | Adjoining Regions | Favorite Places | Network Affiliates |
|-----------|--------|-------------------|------------------------|---------------------------|
| 207 | 217 | 219 | 235 Candy's House | 275 Corn Maze |
| | | 221 | 237 Resale Boutique | 277 Aquarium |
| | | 215 | | 279 Museum |
| | | | | 281 I-MAX Theatre |
| | | | | 283 Movie Theatre |
| | | | | 285 Laser Tag Facility |
| | | | | 287 Pizza Place |
| | | | | 289 Zoo |
| | | | | 291 Public Library |

Figure 1G (3 of 5)

FOR EEO-2844660

| Tower No. | Region | Adjoining Regions | Favorite Places | Network Affiliates |
|-----------|--------|-------------------|------------------|-------------------------|
| 209 | 219 | 217 | 239 Home | 293 Mall #1 |
| | | 221 | 241 School | 295 Mall #2 |
| | | | 243 Work | 297 Chinese Food |
| | | | 245 Suzy's House | 299 K-Mart |
| | | | | 301 Target |
| | | | | 303 Record Store |
| | | | | 305 Batting Cages |
| | | | | 307 Golf Driving Range |
| | | | | 309 Computer Superstore |
| | | | | 311 Boy's Club |
| | | | | 313 Church #1 |
| | | | | 315 Restaurant #14 |
| | | | | 317 Bicycle Shop |

Figure 1G (4 of 5)

FOR EEO 28444660

| Tower No. | Region | Adjoining Regions | Favorite Places | Network Affiliates |
|-----------|--------|-------------------|-----------------------------|------------------------------|
| 211 | 221 | 219 | 247 Uncle Clay's House | 319 Metro Stop |
| | | 217 | 249 The Gap | 321 Starbucks |
| | | 215 | 251 Grand Mother's House | 323 Bowling Alley |
| | | 213 | | 325 Antique Mall |
| | | | | 327 Tennis Facility |
| | | | | 329 Car Stereo Superstore |
| | | | | |
| | | | | |
| | | | | |

Figure 1G (5 of 5)

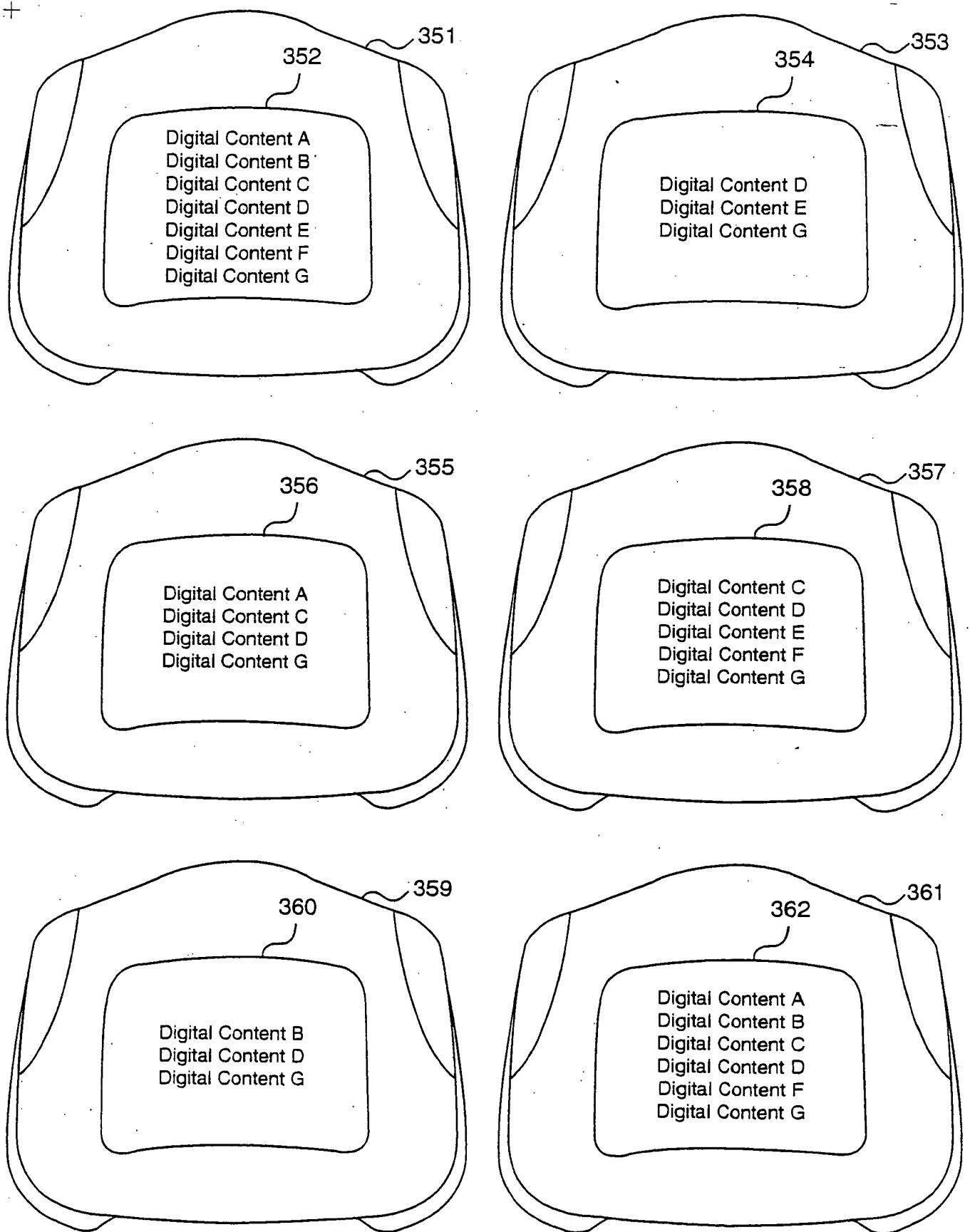


Figure 1H

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| Digital Content ID | Playable Digital Content | Source | Type | Subject | Energy Required to Play (Units) | Energy Earned for Playing (Units) | Preferred Location | Preferred Time | Period |
|--------------------|--------------------------|-------------------|------------------|----------------|---------------------------------|-----------------------------------|--------------------|------------------------------|------------------------------------|
| Digital Content A | Movie | Merchant #12 | Advertisement | X, Y | 0 | 5 | LATLONG1 | After School | Incrementally Larger with Location |
| Digital Content B | Text and Alarm | Government Entity | Warning | Weather | 0 | 0 | Various Changing | Immediate | One Time Only |
| Digital Content C | Graphical Icon | Friend #1 | Email Message | | 2 | 0 | N/A | ASAP | 7 Days |
| Digital Content D | Text Message | Acquaintance #3 | Request for Chat | | 5 | 0 | N/A | ASAP | 3 Hours |
| Digital Content E | Executable Spreadsheet | Merchant #2 | Survey | L, M | 0 | 20 | LATLONG2 | Between 12/1 and 12/25 | 25 Days |
| Digital Content F | Text Message | School | Announcement | Sporting Event | 1 | 0 | N/A | Between 3:00 pm and 10:00 pm | Incrementally Larger for 7 Days |
| Digital Content G | Calendar File | Soccer Team | Schedule | | 3 | 0 | N/A | | User Initiated for 2 Days |

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Figure 11

FIG. 1J

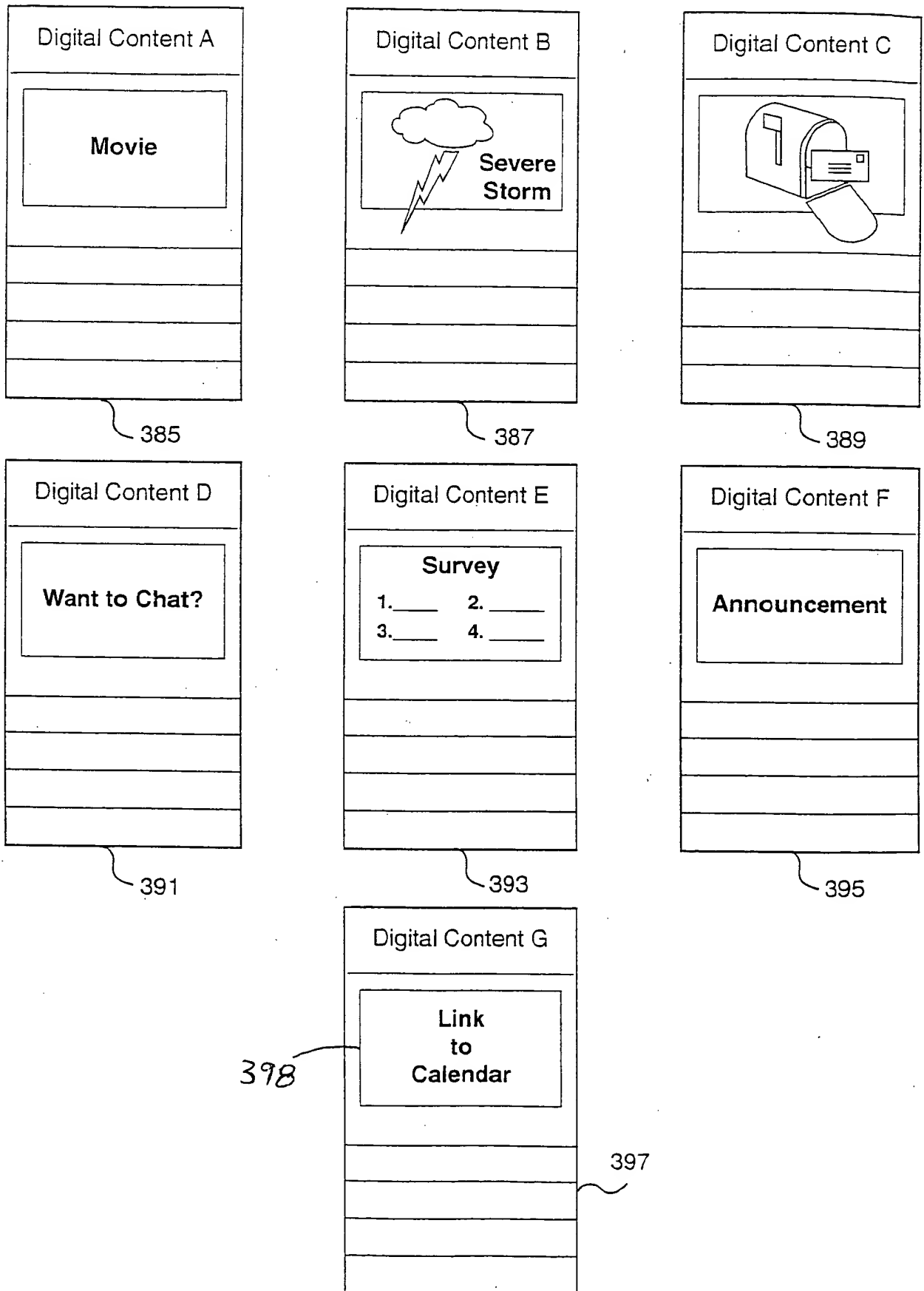


Figure 1J

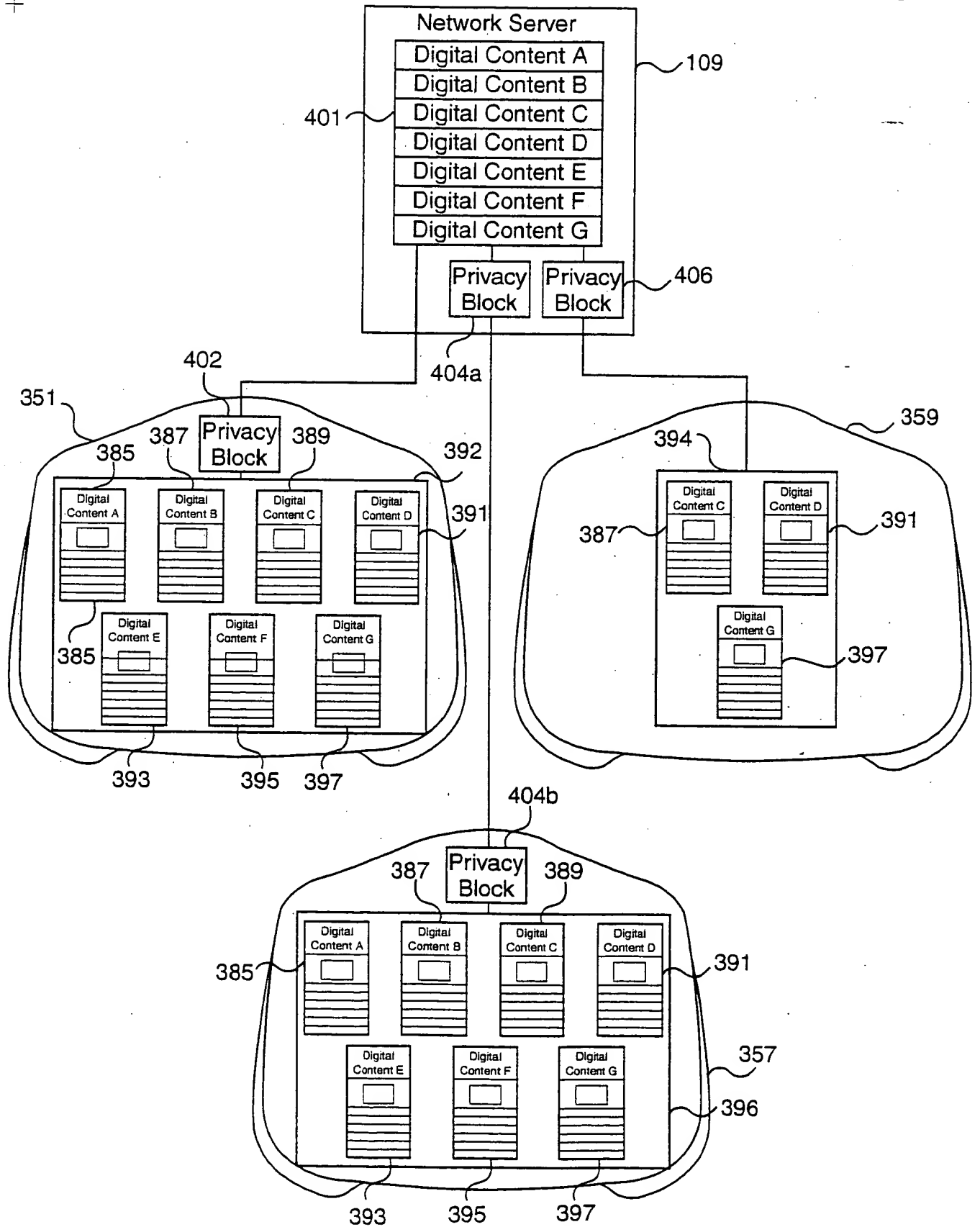


Figure 1K

407

| Contextual User Profile | | | | | | | | | | | | |
|-------------------------|------------|-------------|----------|-------------------------|---------|------|---------------------|---------------|------------------------------|-----------------------------|------------------|--|
| Static Components | | | | Dynamic Data Components | | | | | | | | |
| 423 | | | | 425a | 425b | 425c | 425d | 425e | 425f | 425g | 425h | |
| | | | | Hard | | Soft | | | | | | |
| User/ Appliance | Biographic | Demographic | Cultural | Latitude Longitude | Time | Date | Available Energy | Food Pref. | Entertainment Preferences | Relationship Preferences | Privacy Block | |
| 351 | B1 | DM3 | C1 | LATLONG1 | 4:00 pm | 12/5 | 130 | F1 | E1 | R3 | P1 | |
| 353 | B3 | DM2 | C2 | LATLONG2 | 4:30 pm | 12/5 | 43 | F2 | E3 | R2 | P2 | |
| 355 | B2 | DM1 | C3 | LATLONG3 | 5:00 pm | 12/5 | 62 | F3 | E2 | R1 | P3 | |
| 357 | B1 | DM2 | C1 | LATLONG4 | 4:00 pm | 12/5 | 227 | F3 | E1 | R1 | P4 | |
| 359 | B3 | DM3 | C2 | LATLONG5 | 4:30 pm | 12/5 | 39 | F2 | E3 | R2 | P5 | |
| 361 | B1 | DM3 | C3 | LATLONG6 | 5:00 pm | 12/5 | 200 | F1 | E2 | R3 | P6 | |
| 423 | | | | 427a | | | | | 427b | | | |

Figure 1L

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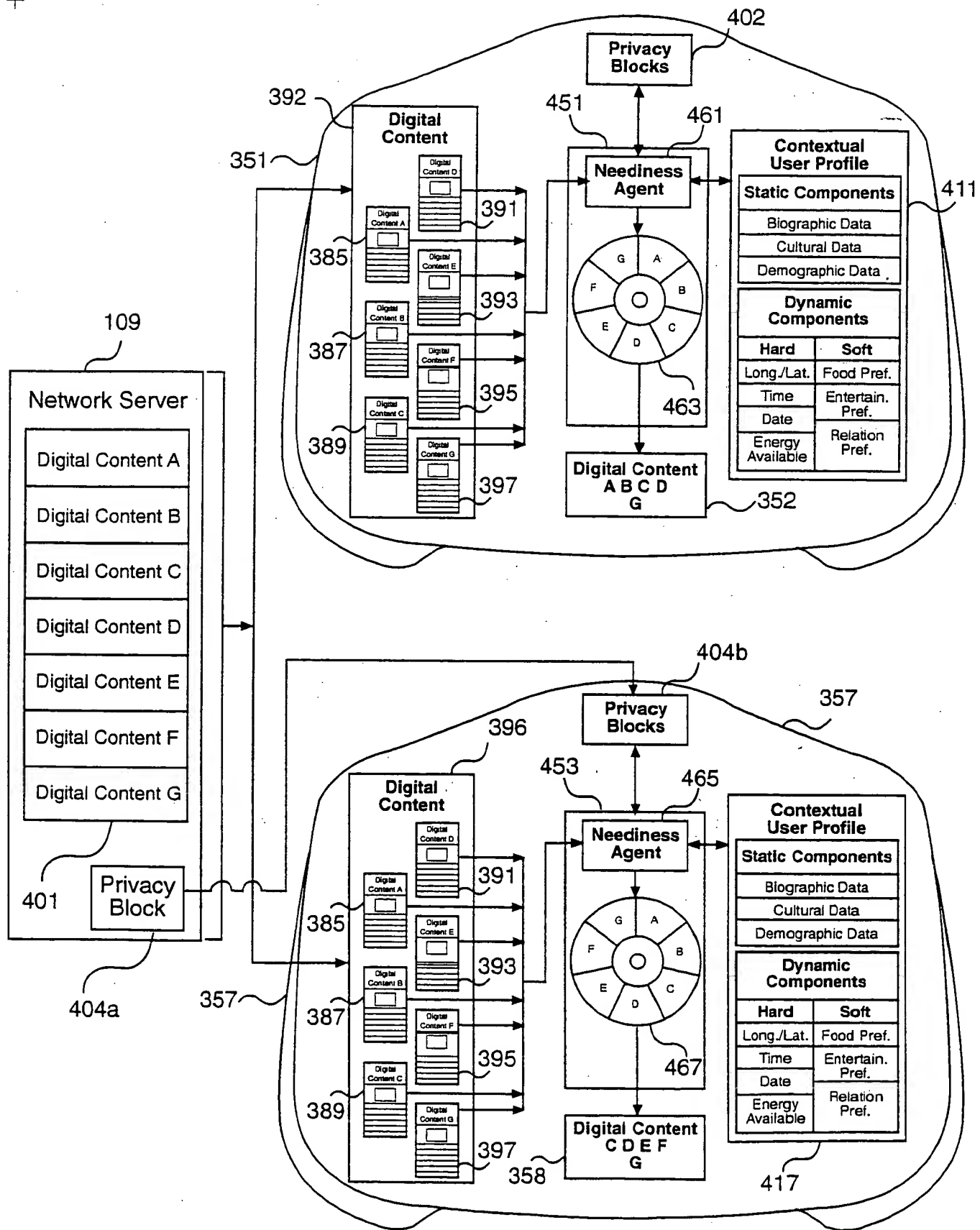


Figure 1M

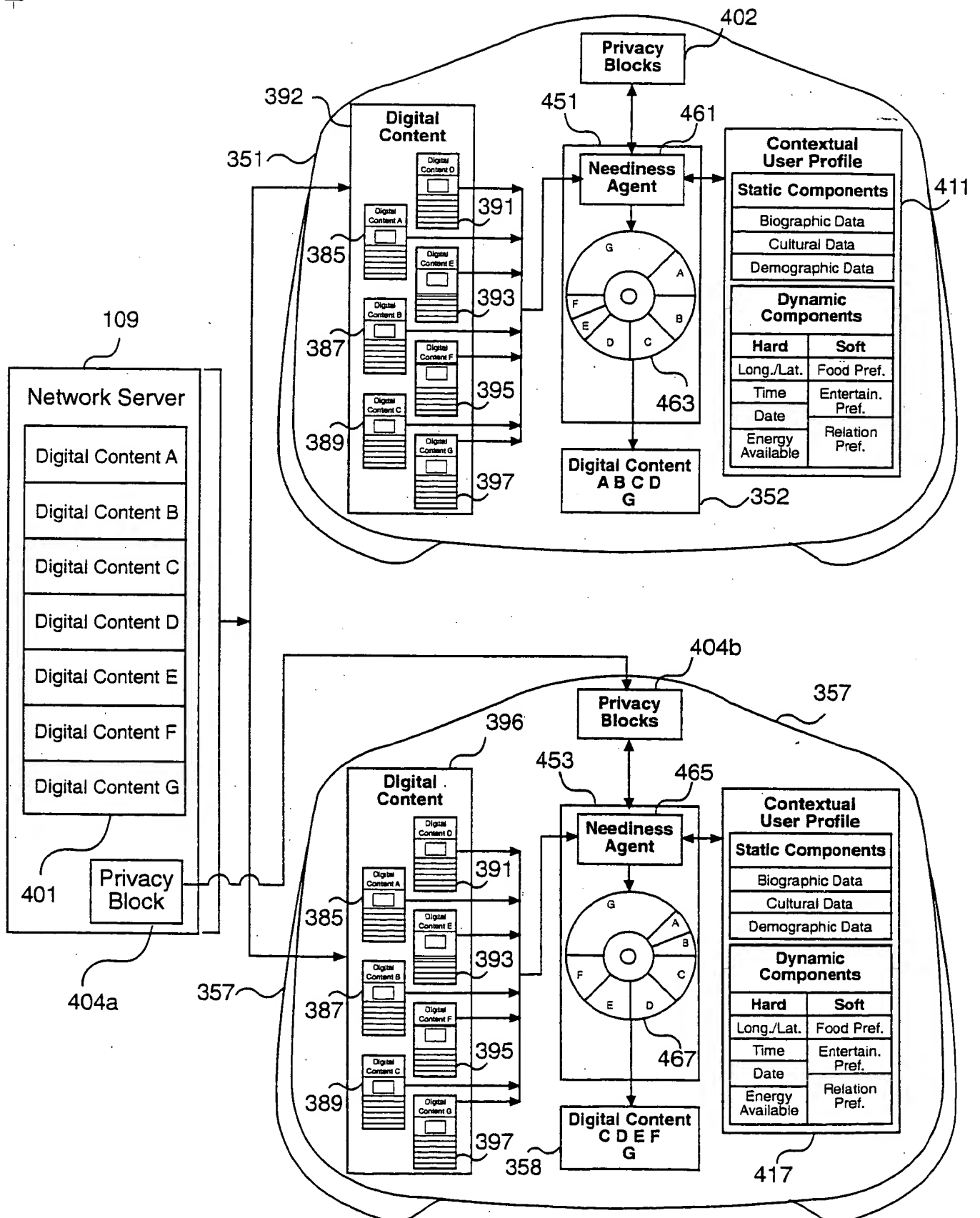


Figure 1N

Relationship Network as the content distribution mechanism

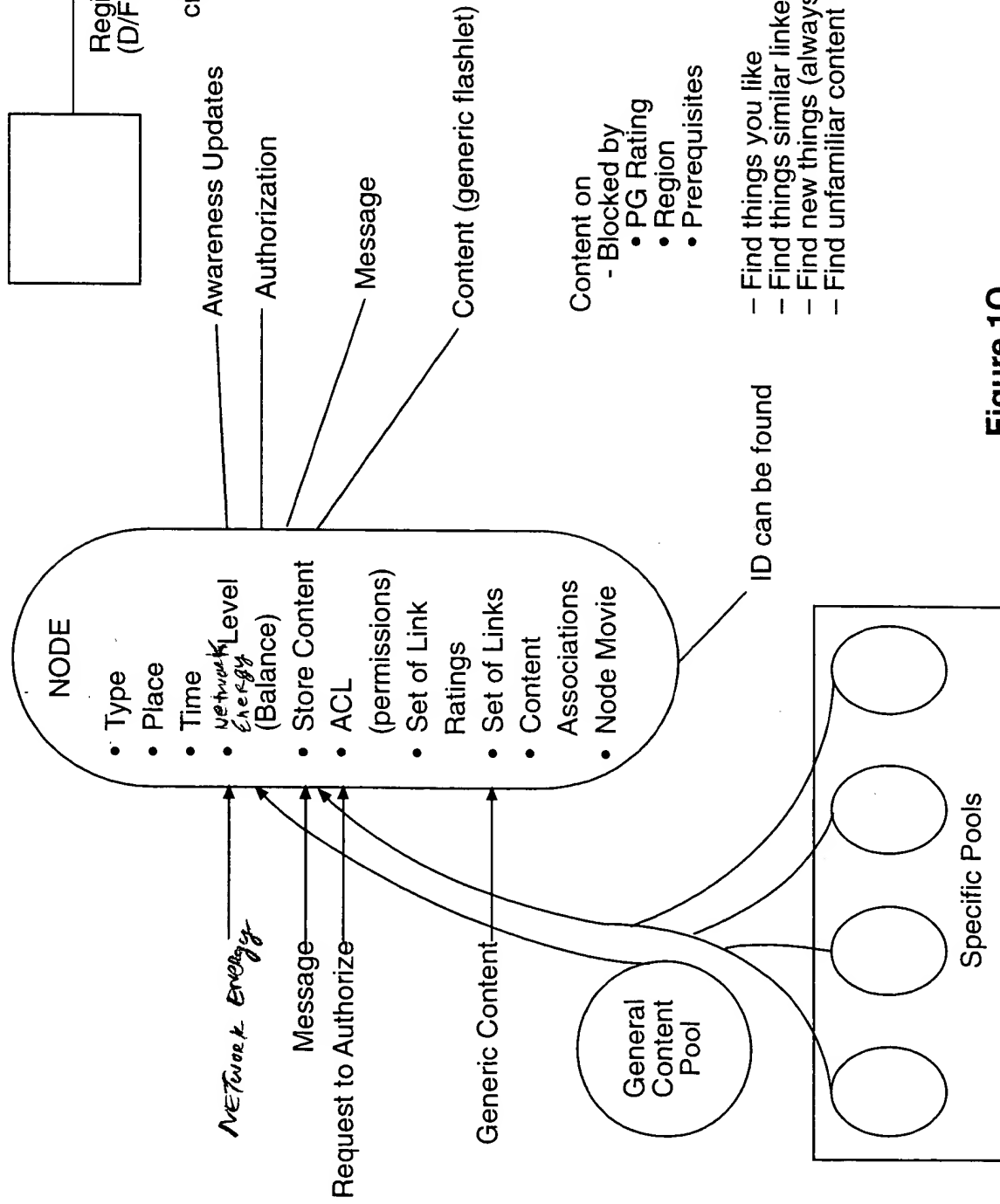


Figure 10

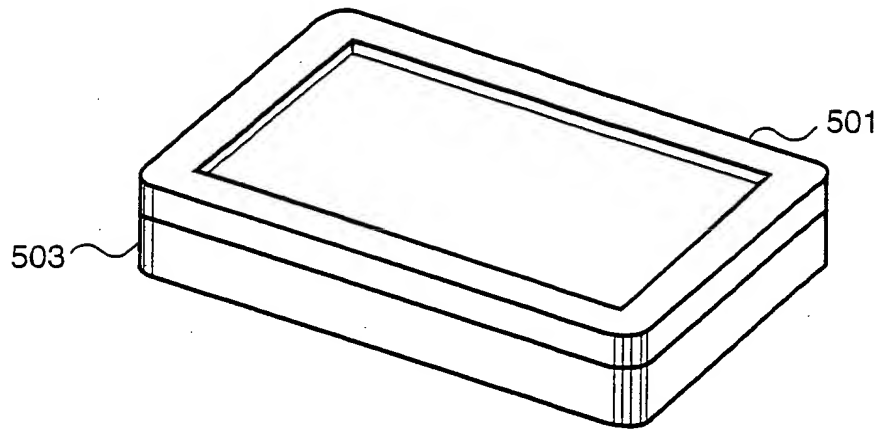


Figure 2A

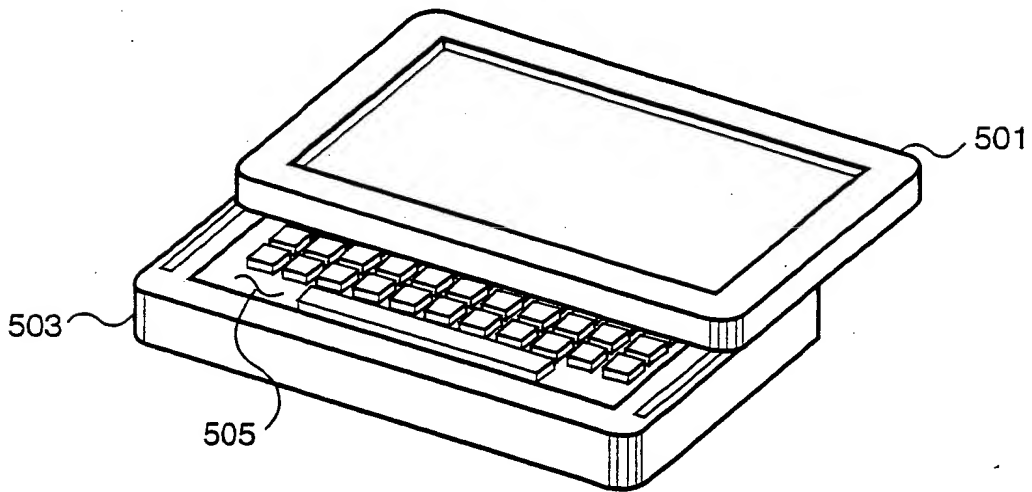


Figure 2B

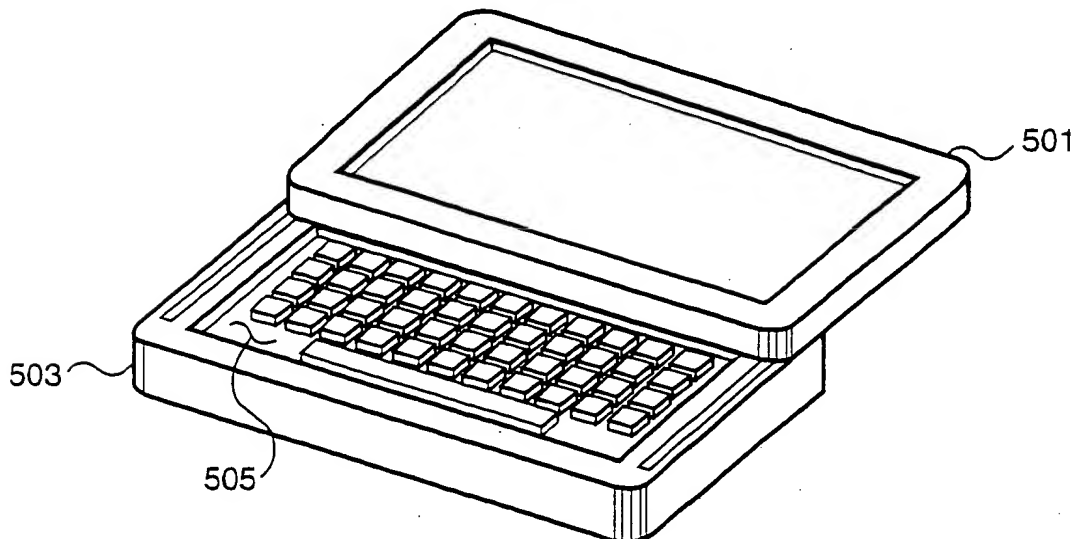


Figure 2C

FIG. 2B

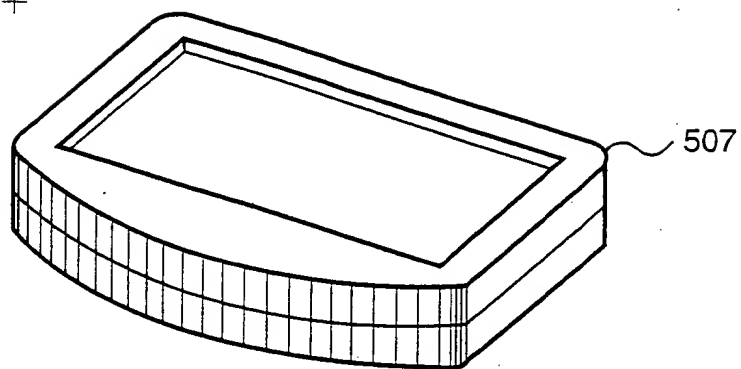


Figure 2D

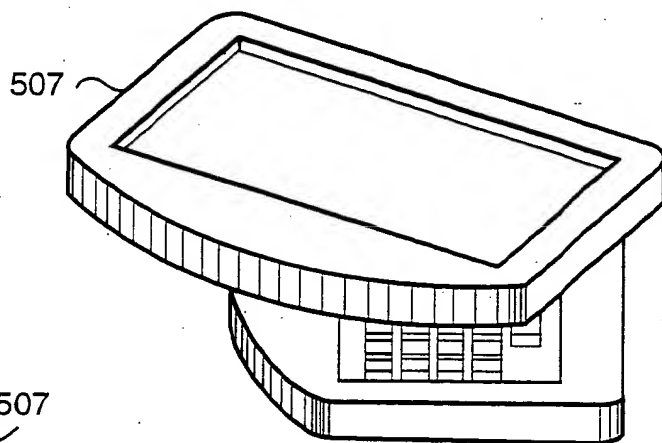


Figure 2E

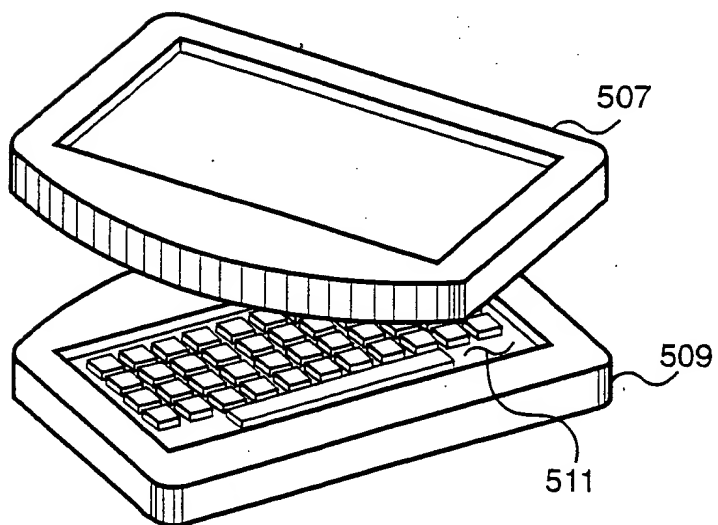


Figure 2F

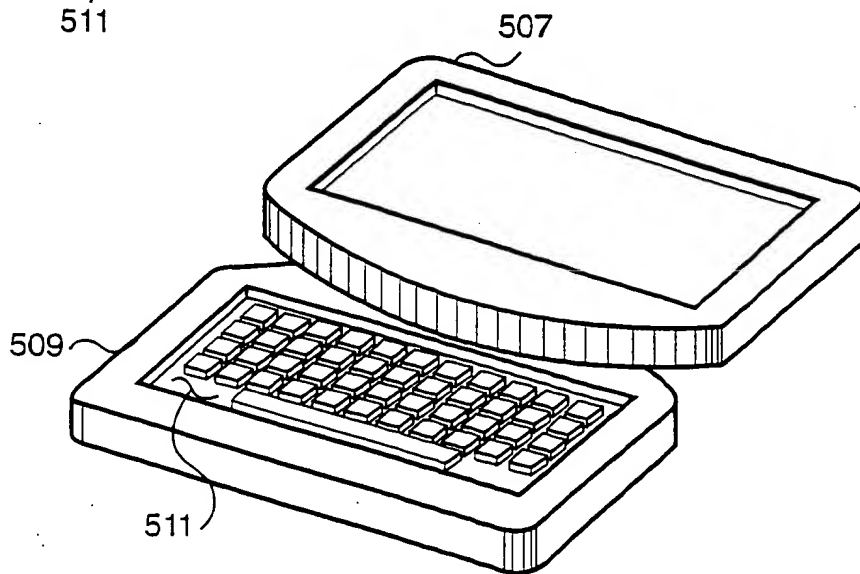


Figure 2G

FIG. 2D, 2E, 2F, 2G

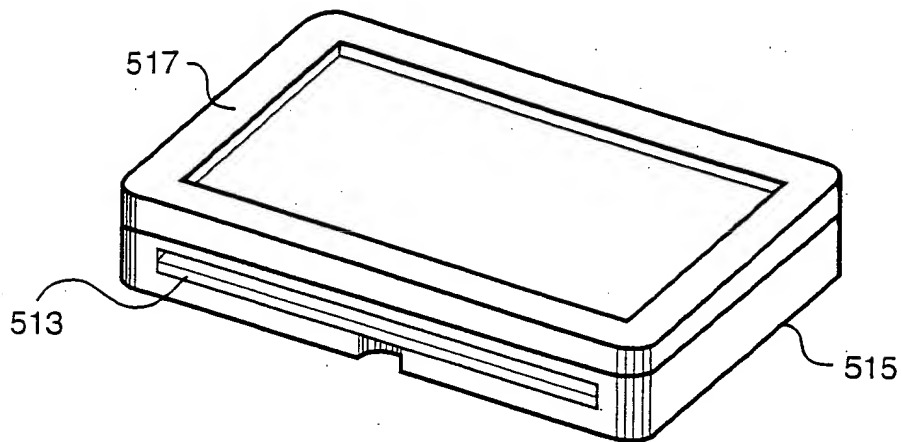


Figure 2H

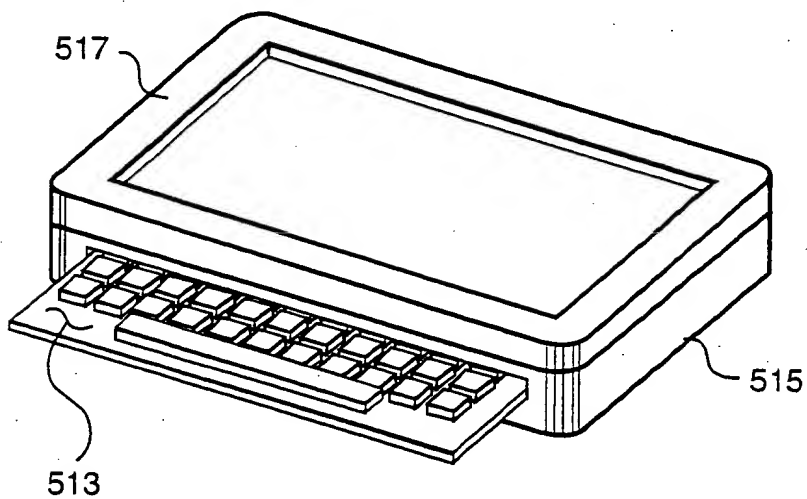


Figure 2I

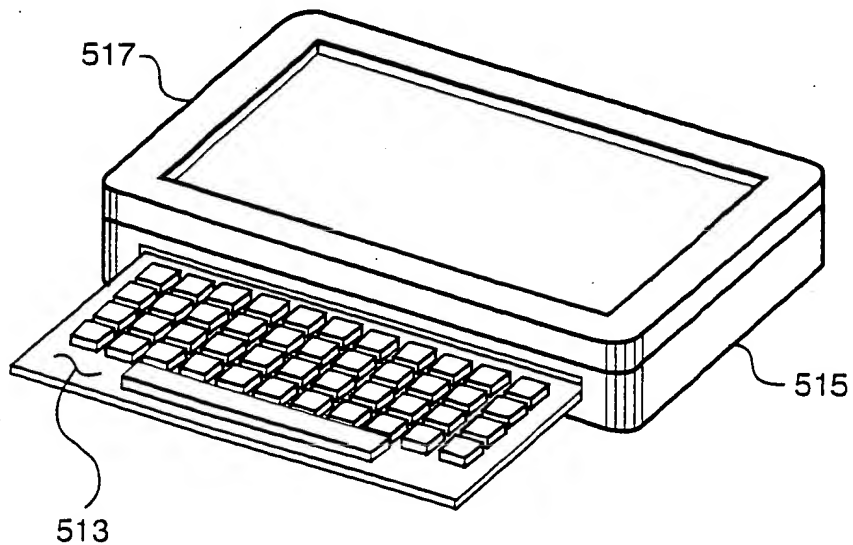


Figure 2J

FIG. 2H-2J

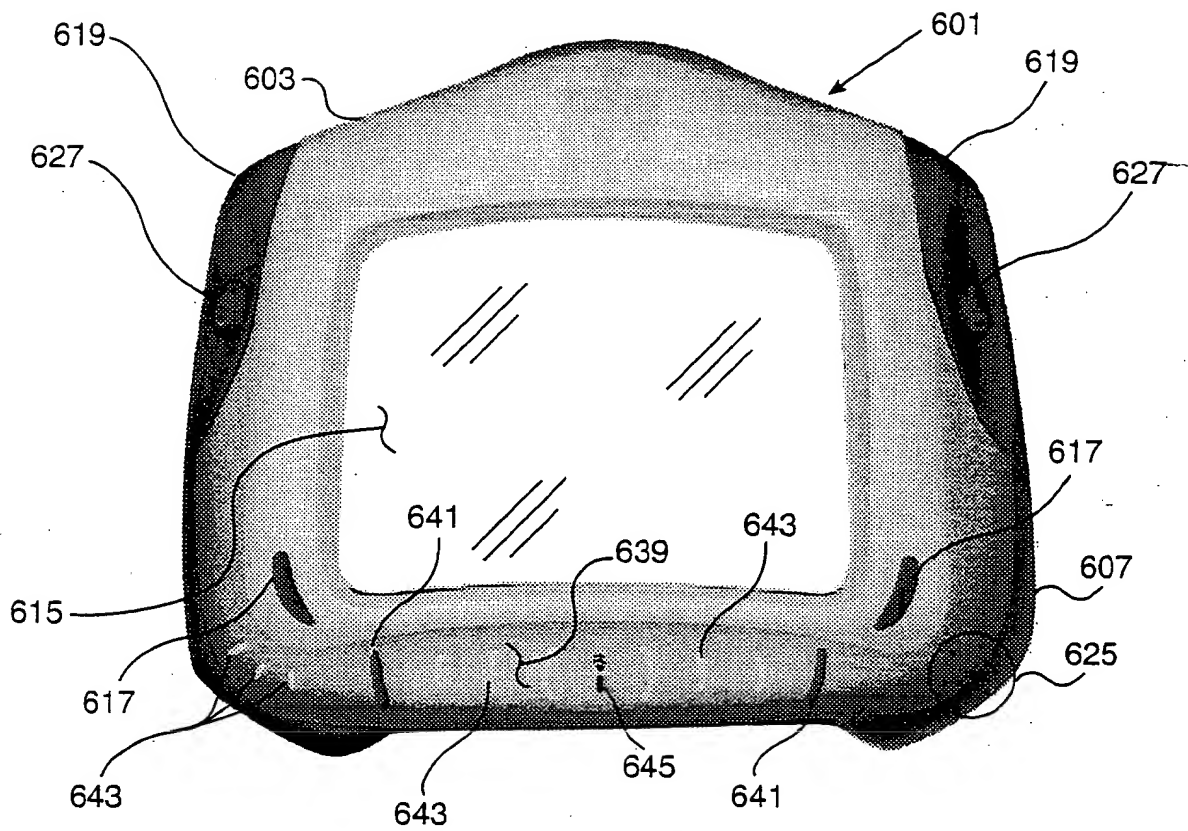


Figure 2K

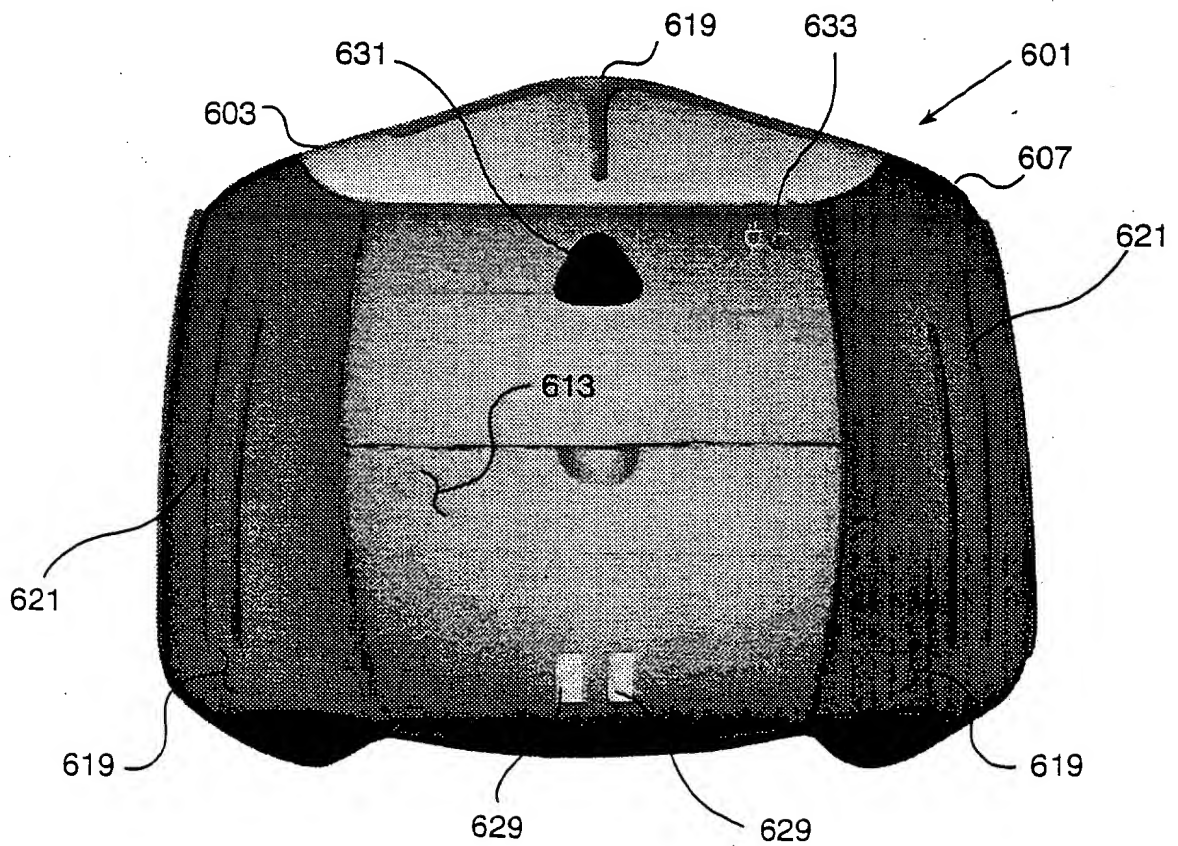


Figure 2L

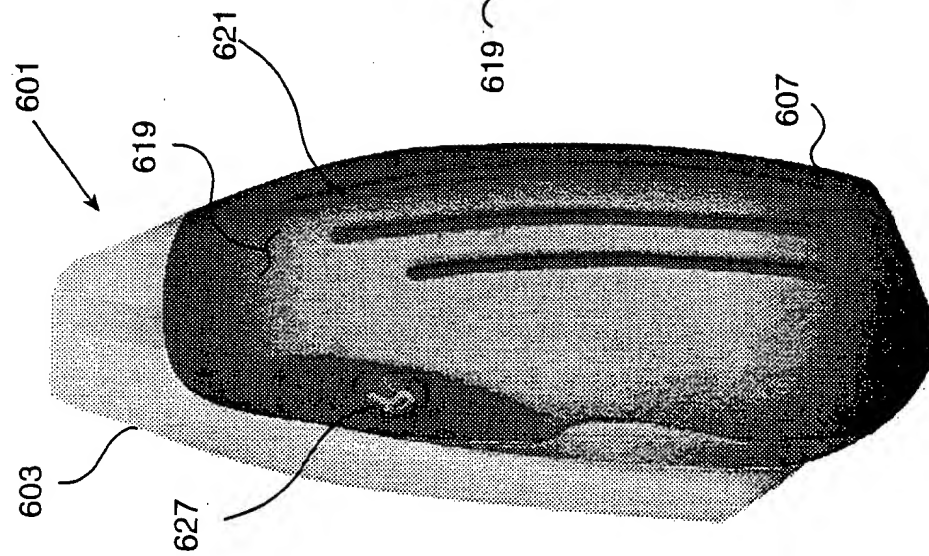
[illegible]

Figure 2M

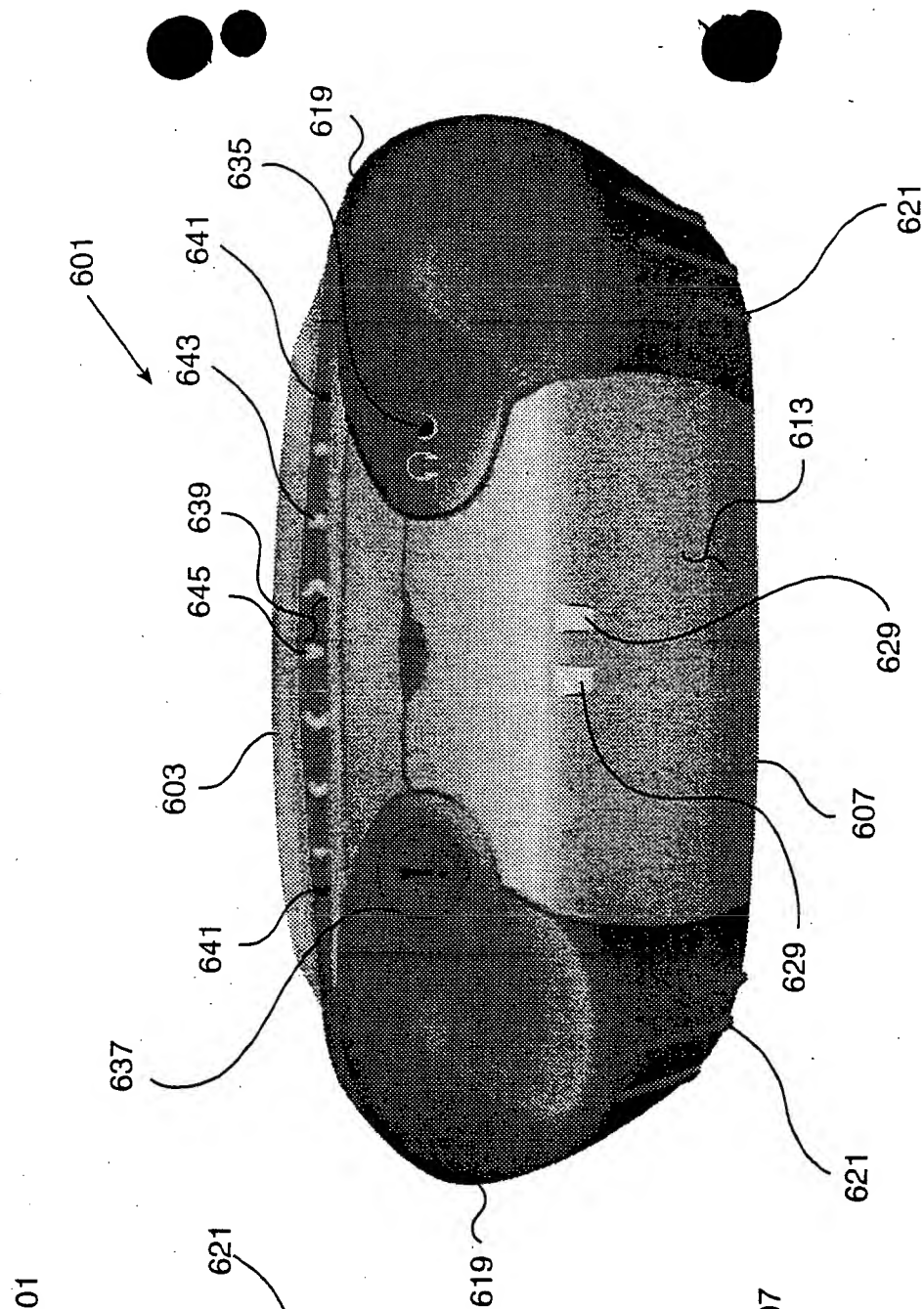


Figure 2N

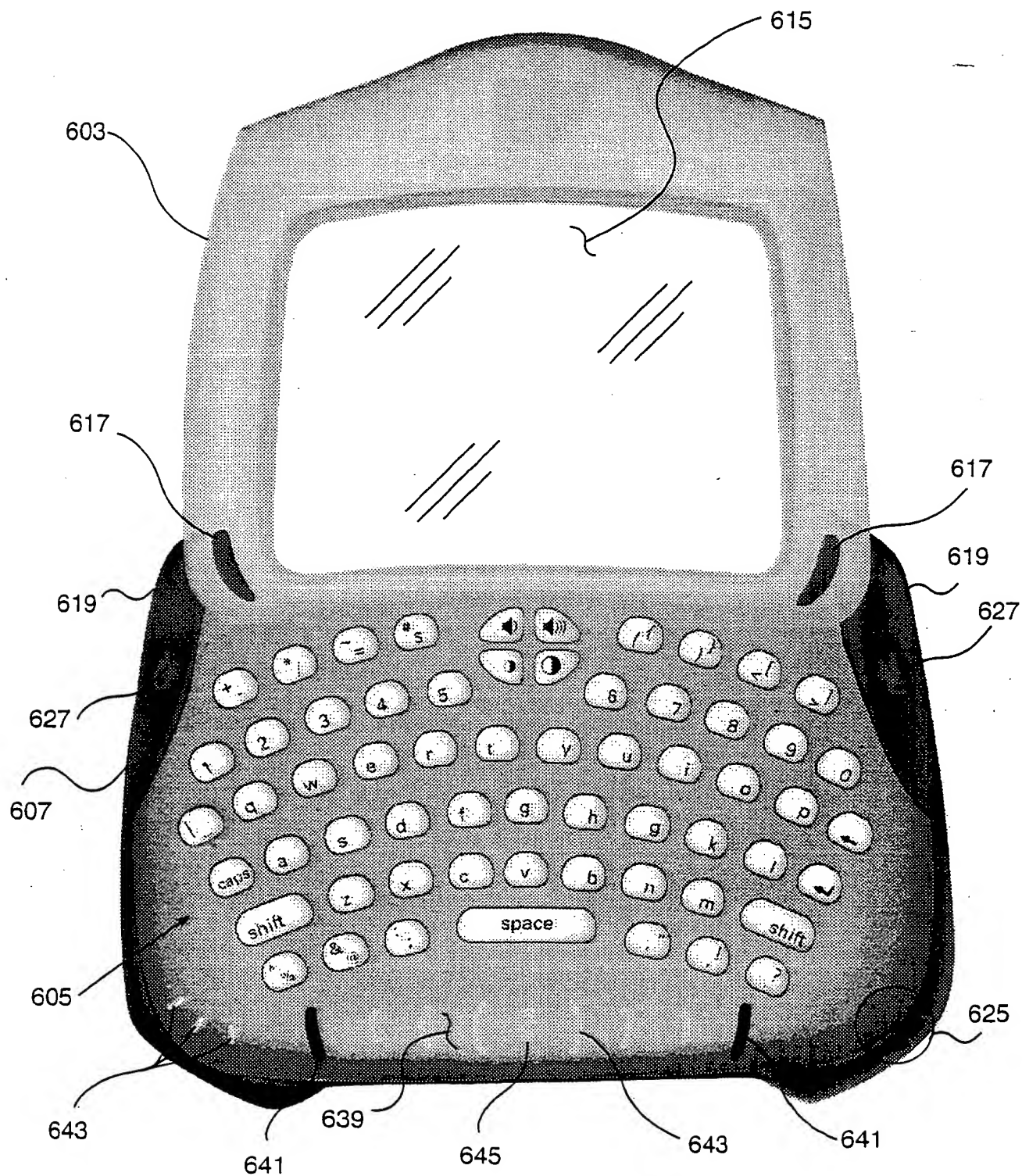


Figure 20

FIG. 2P

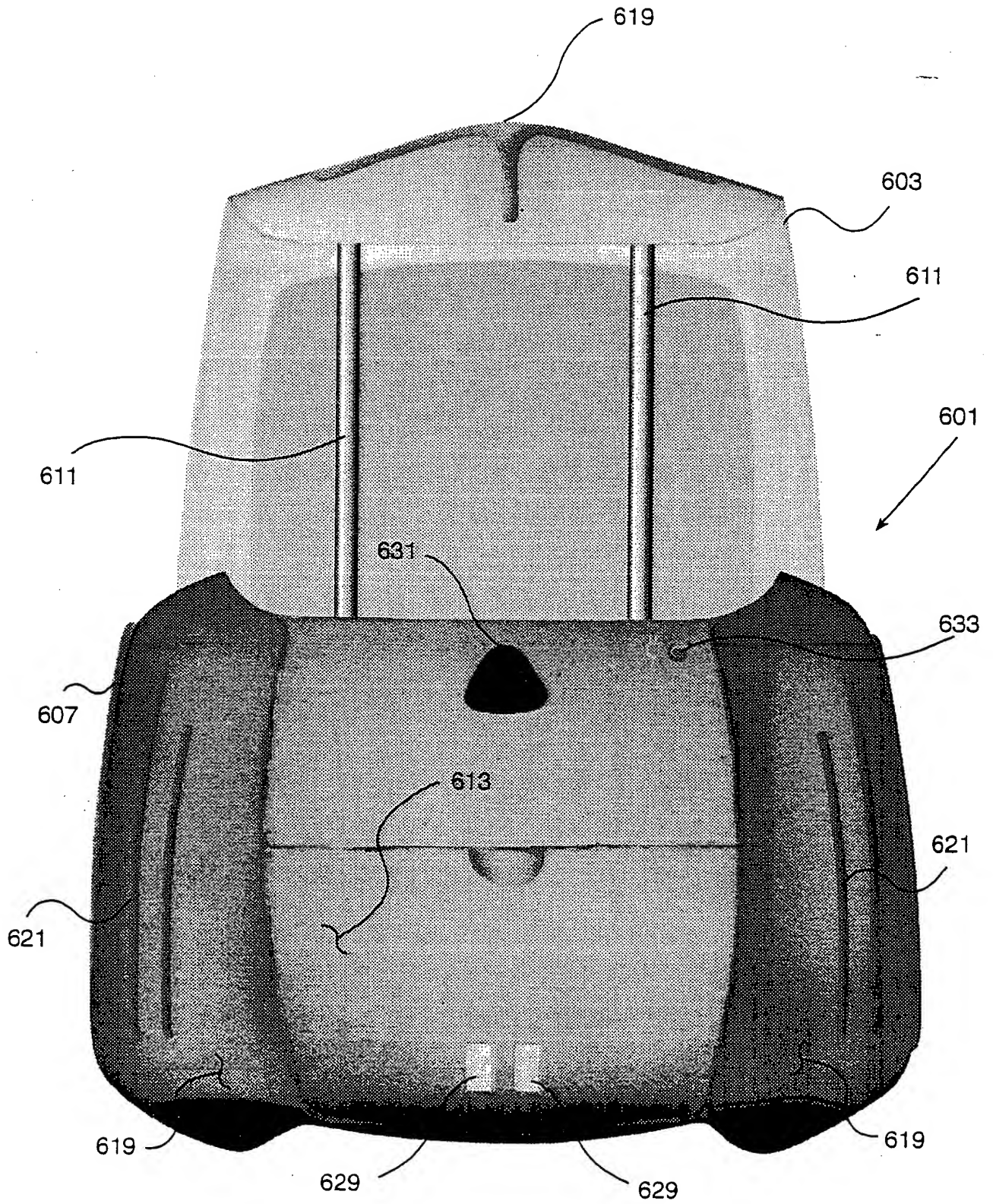


Figure 2P

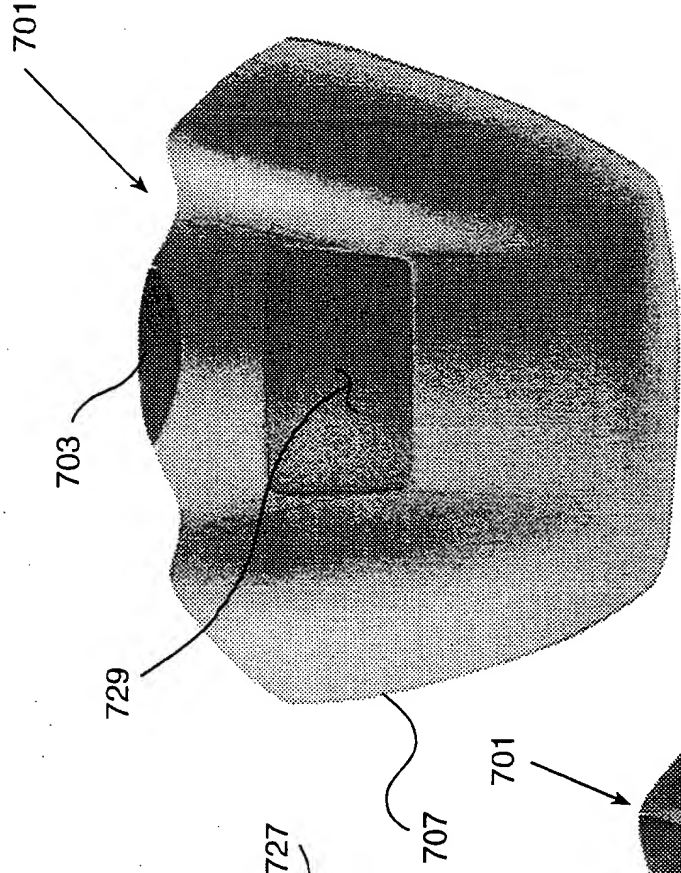


Figure 2Q

Figure 2R

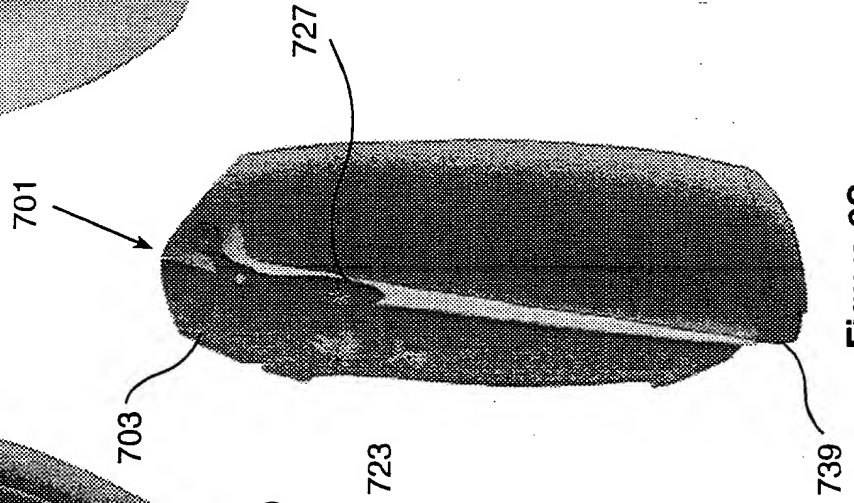


Figure 2S

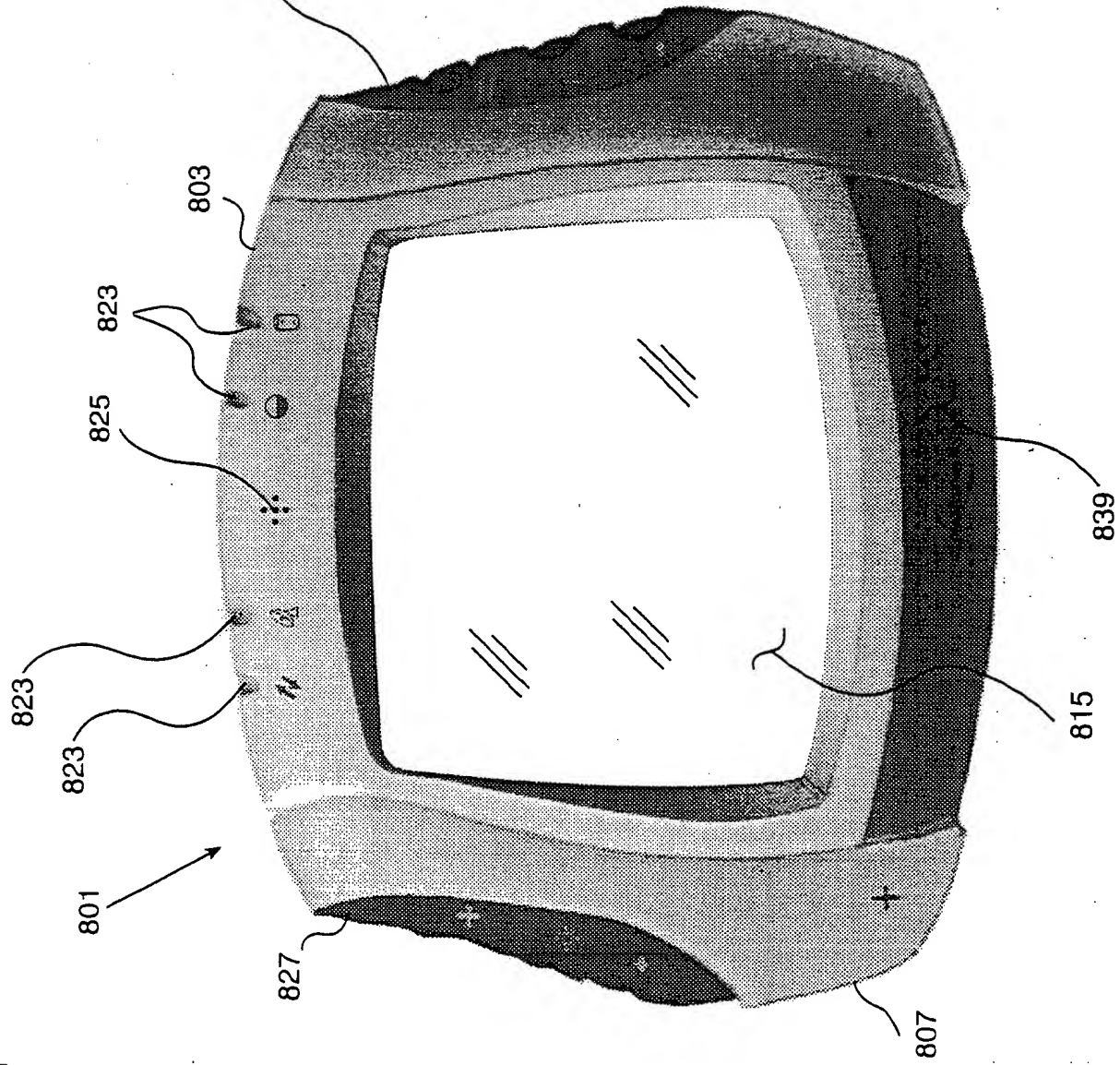


Figure 2T

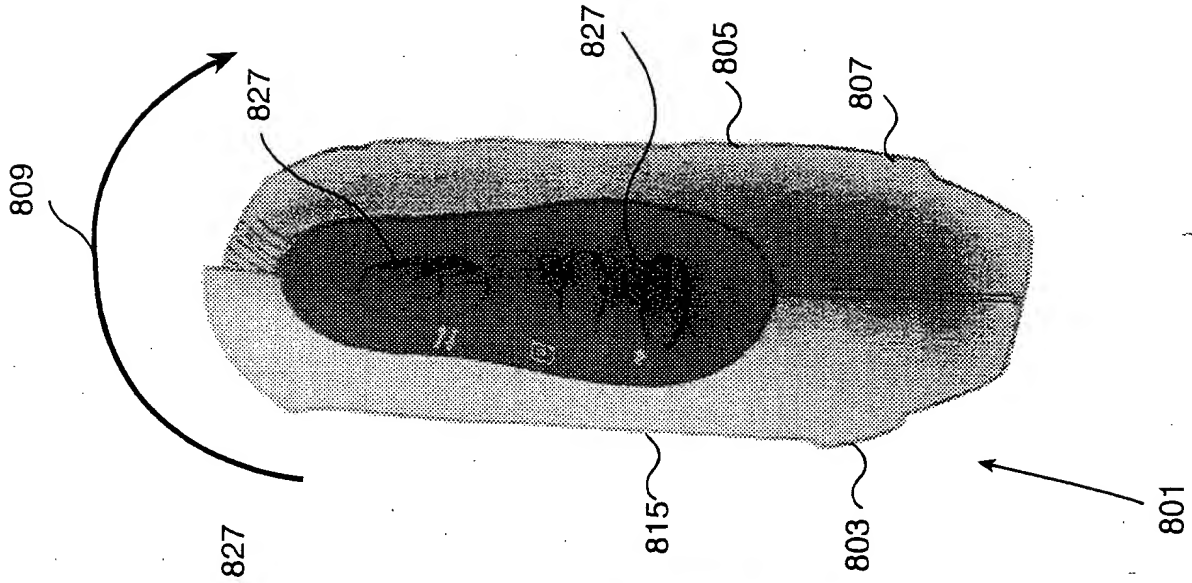


Figure 2U

FIG. 2V

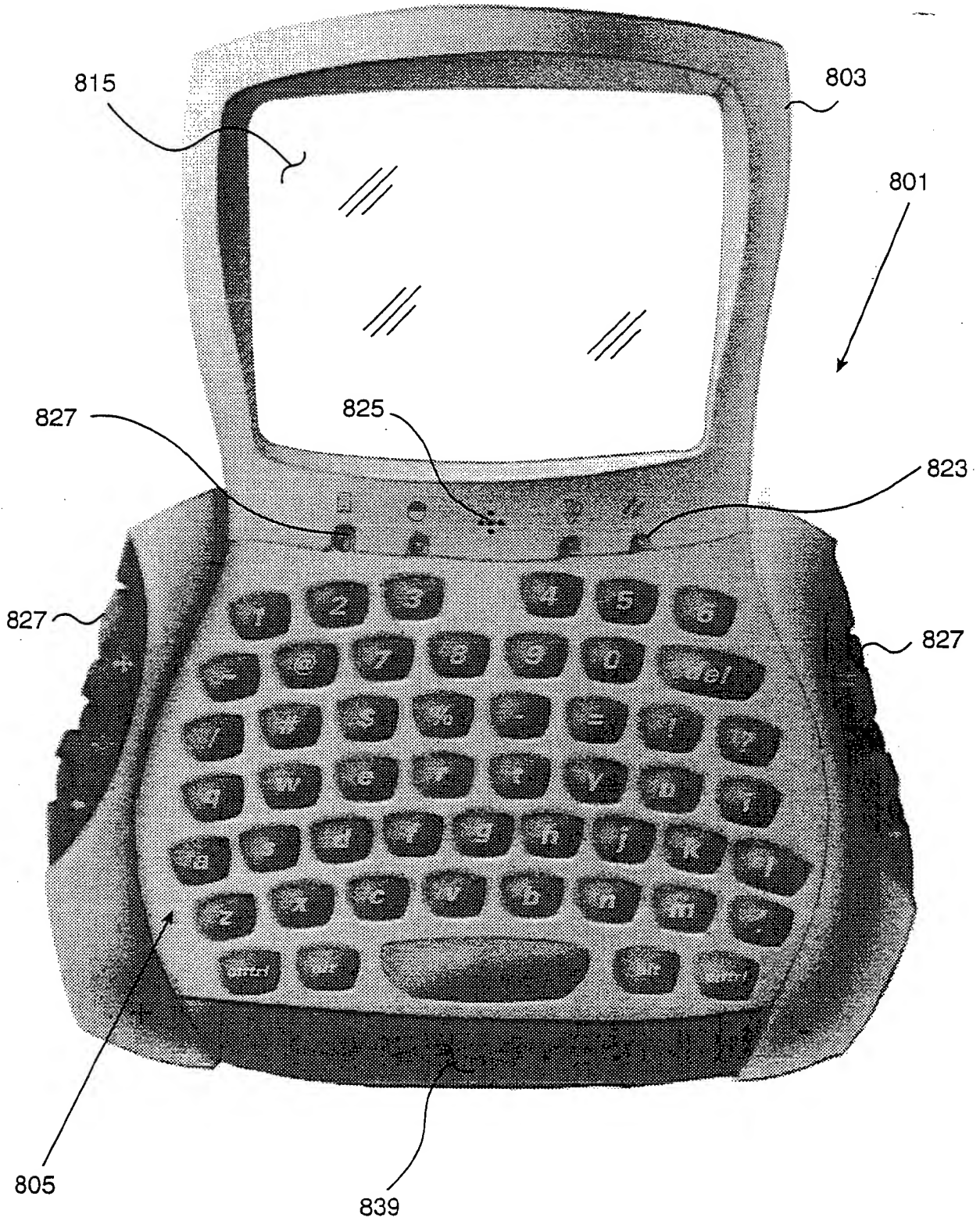


Figure 2V

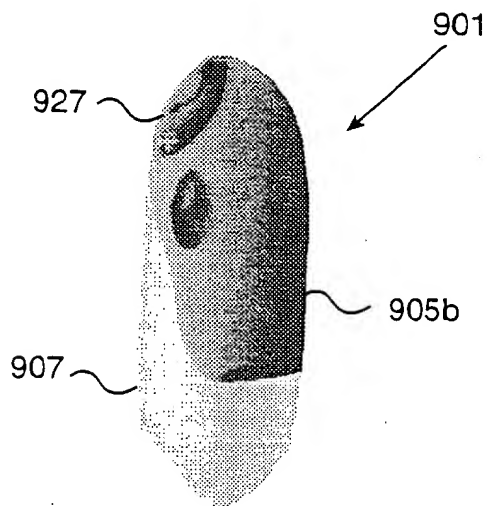
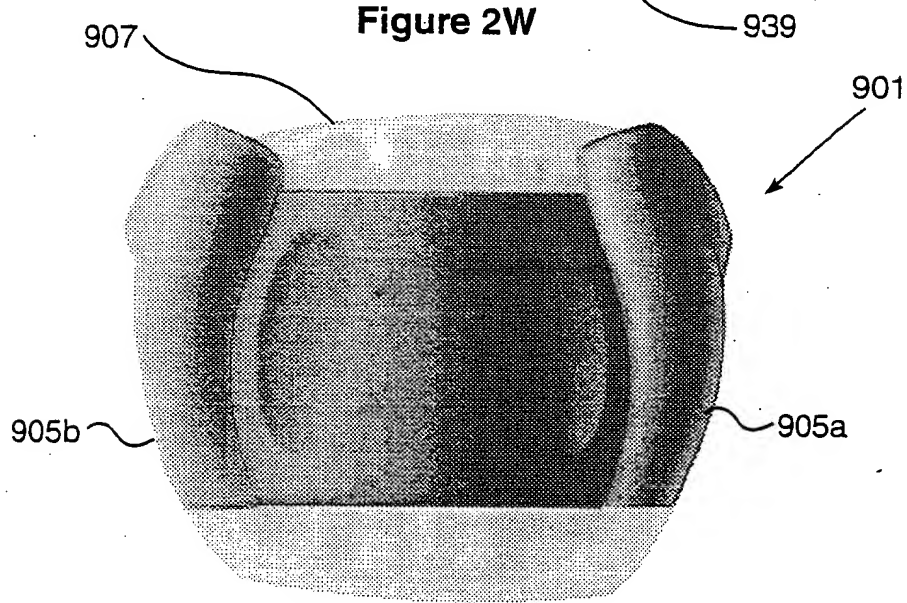
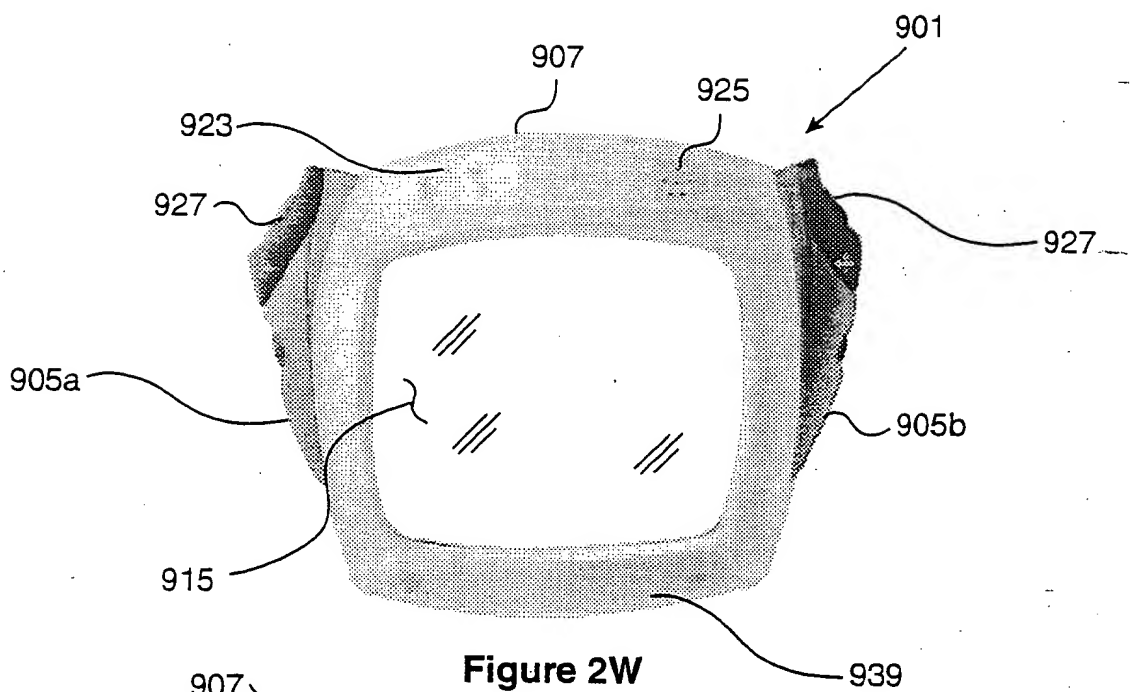


Figure 2Y

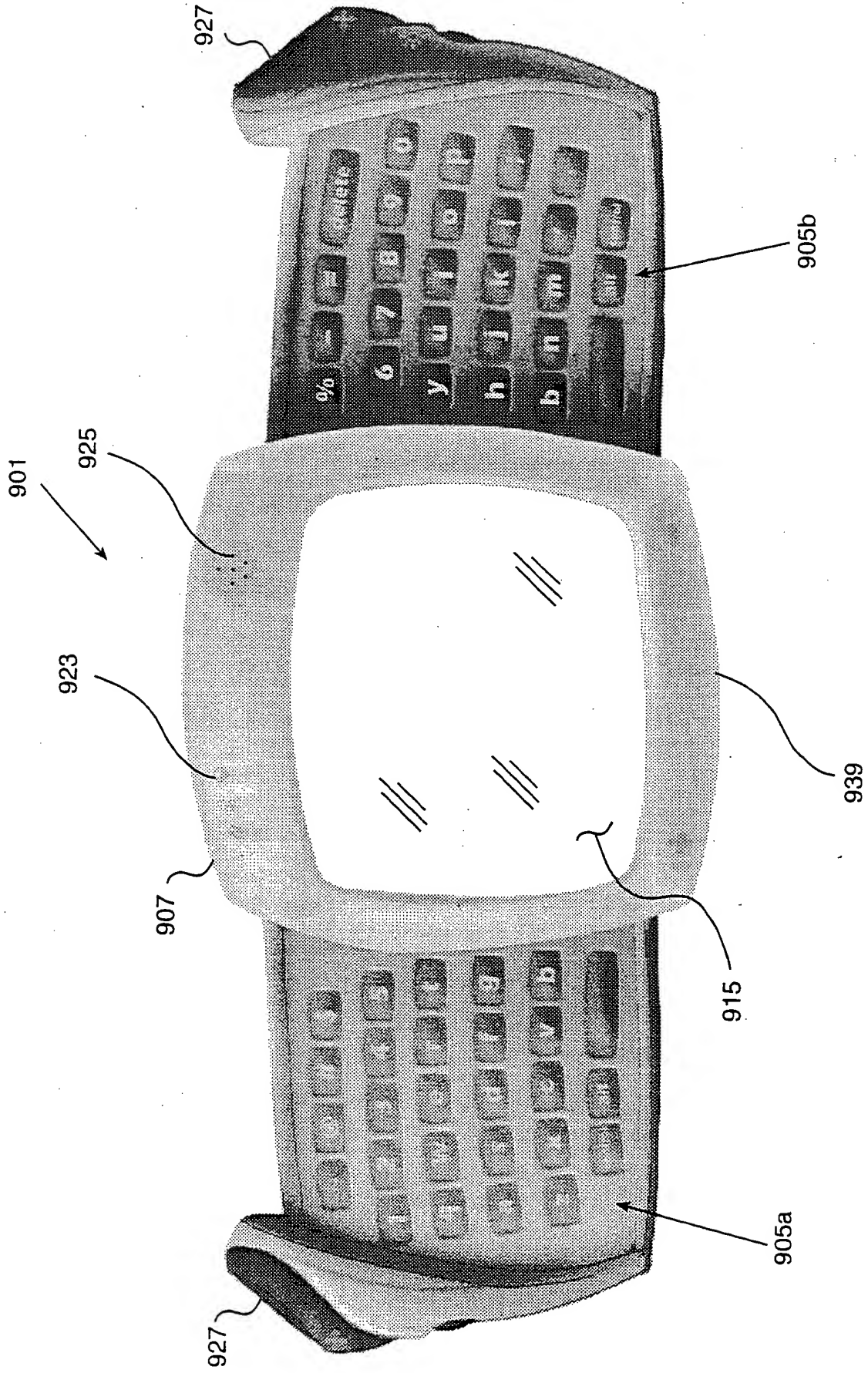


Figure 2Z

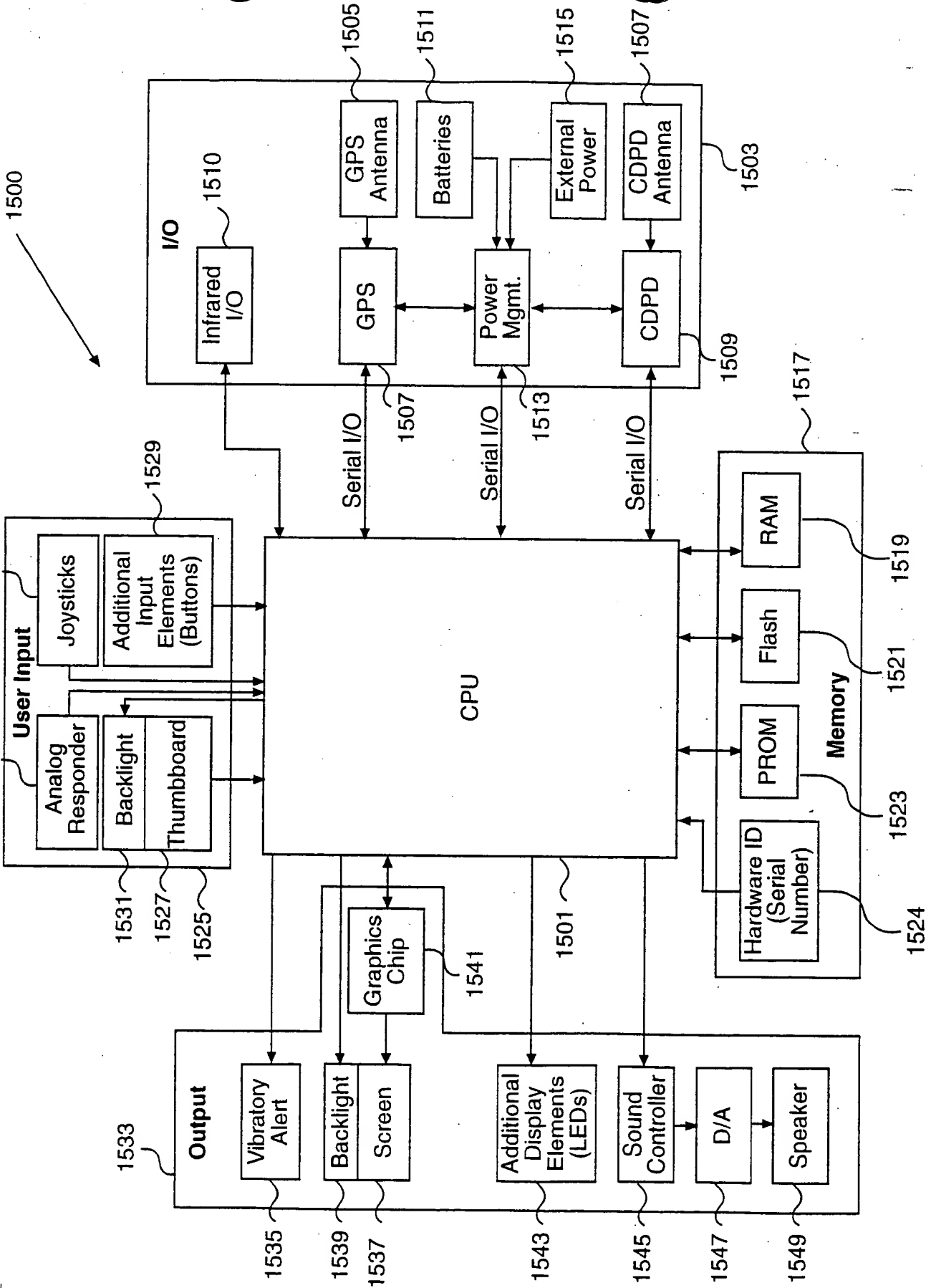


Figure 3A

FIG. 3B

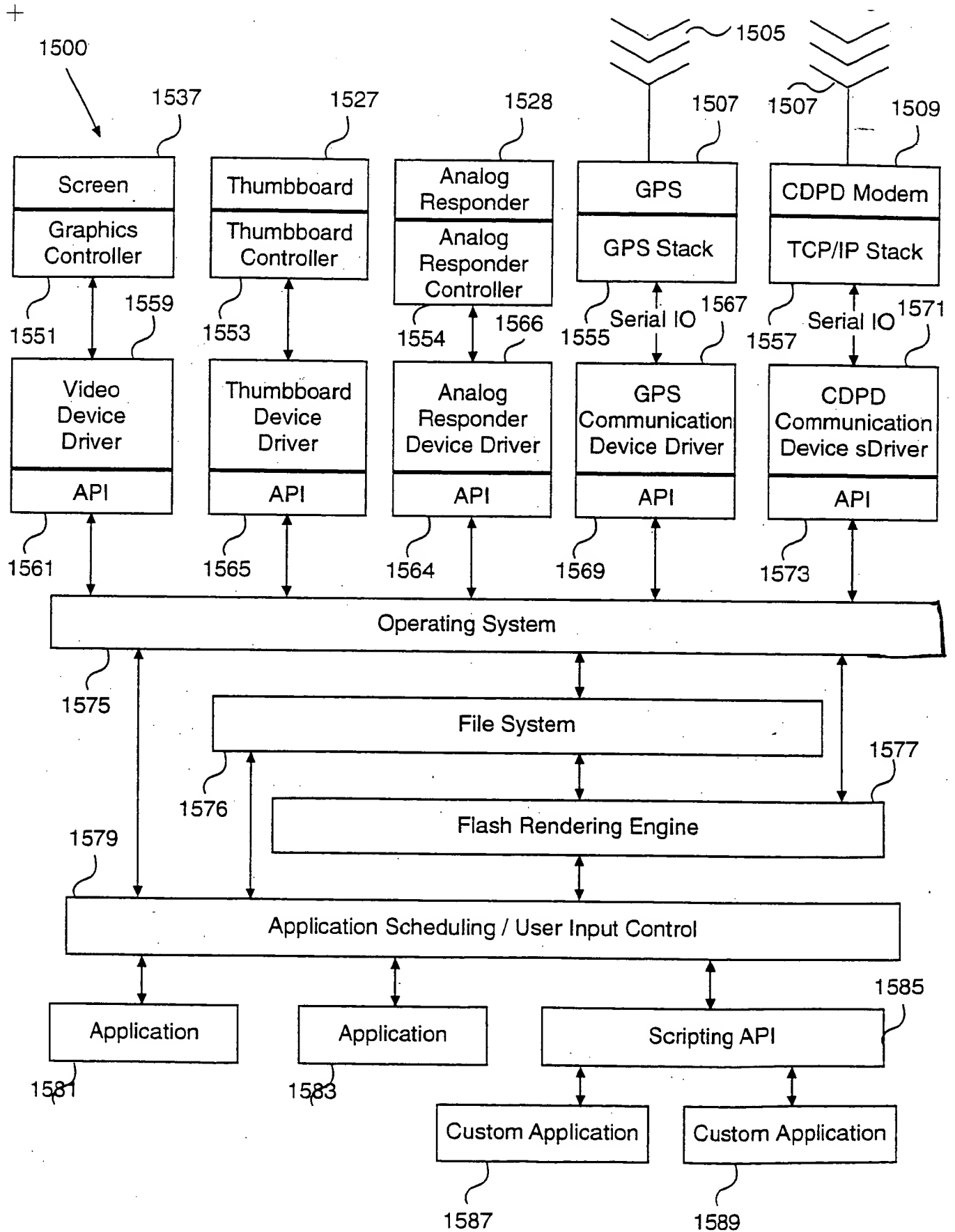


Figure 3B

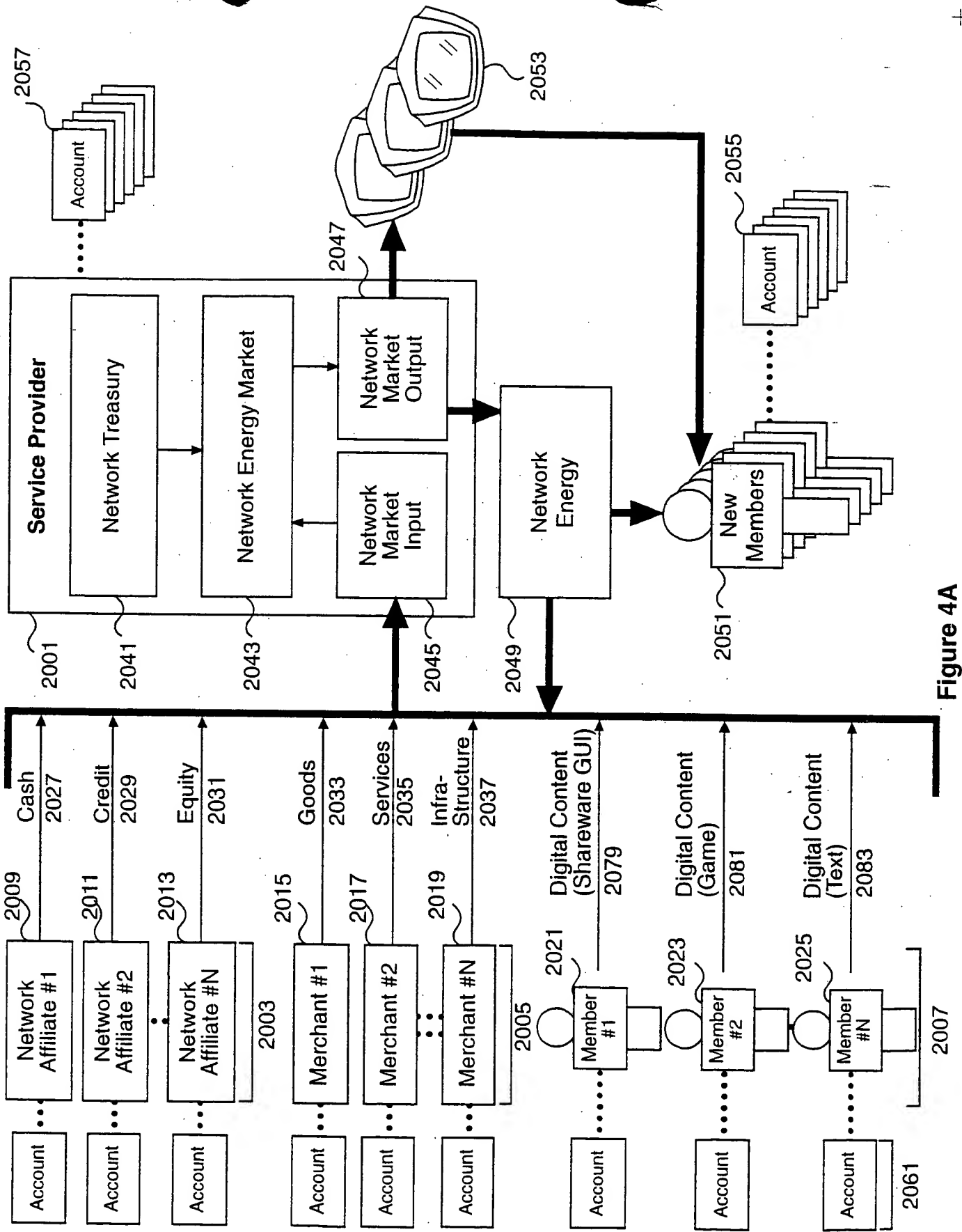


Figure 4A

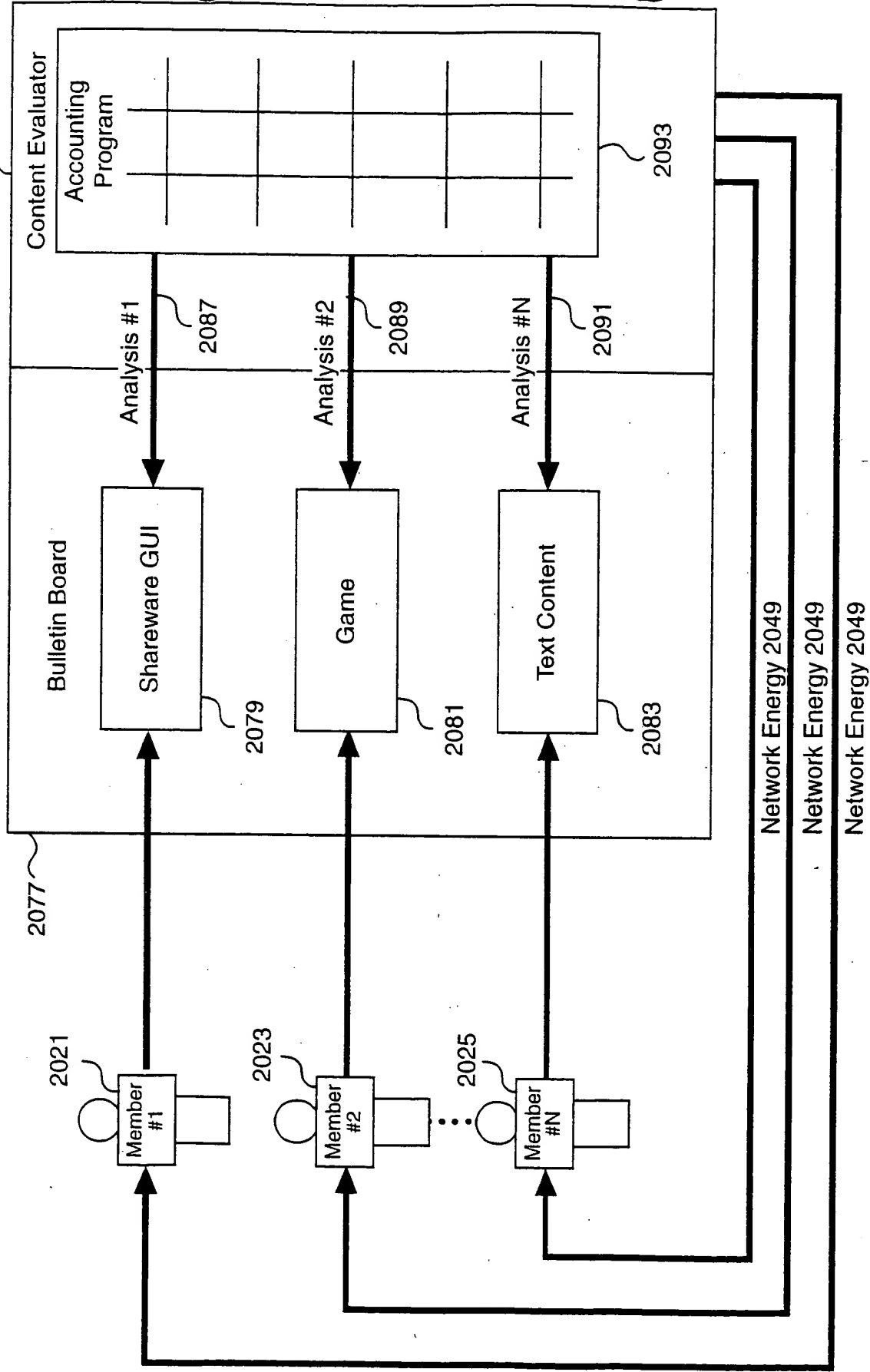


Figure 4B

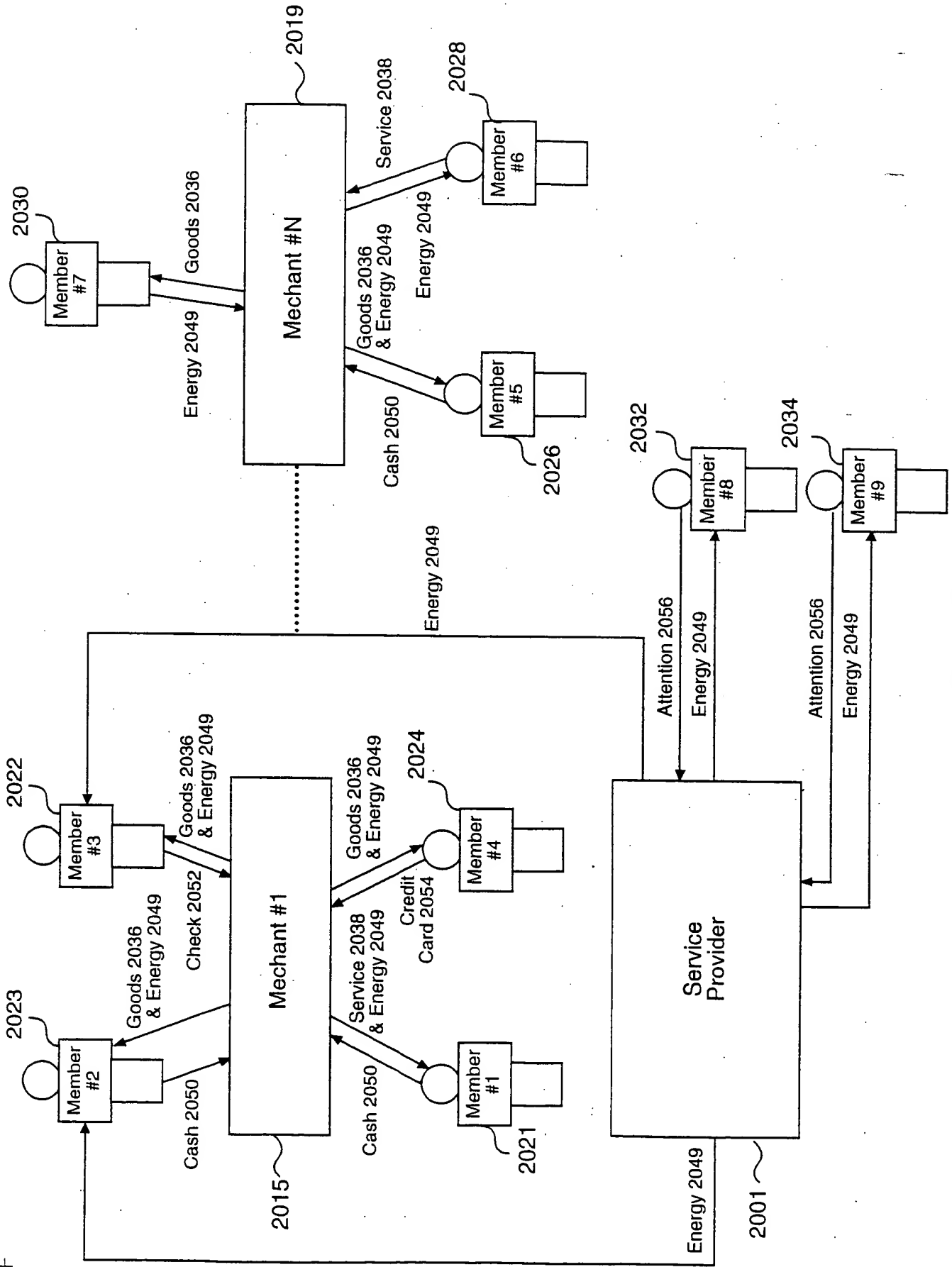


Figure 4C

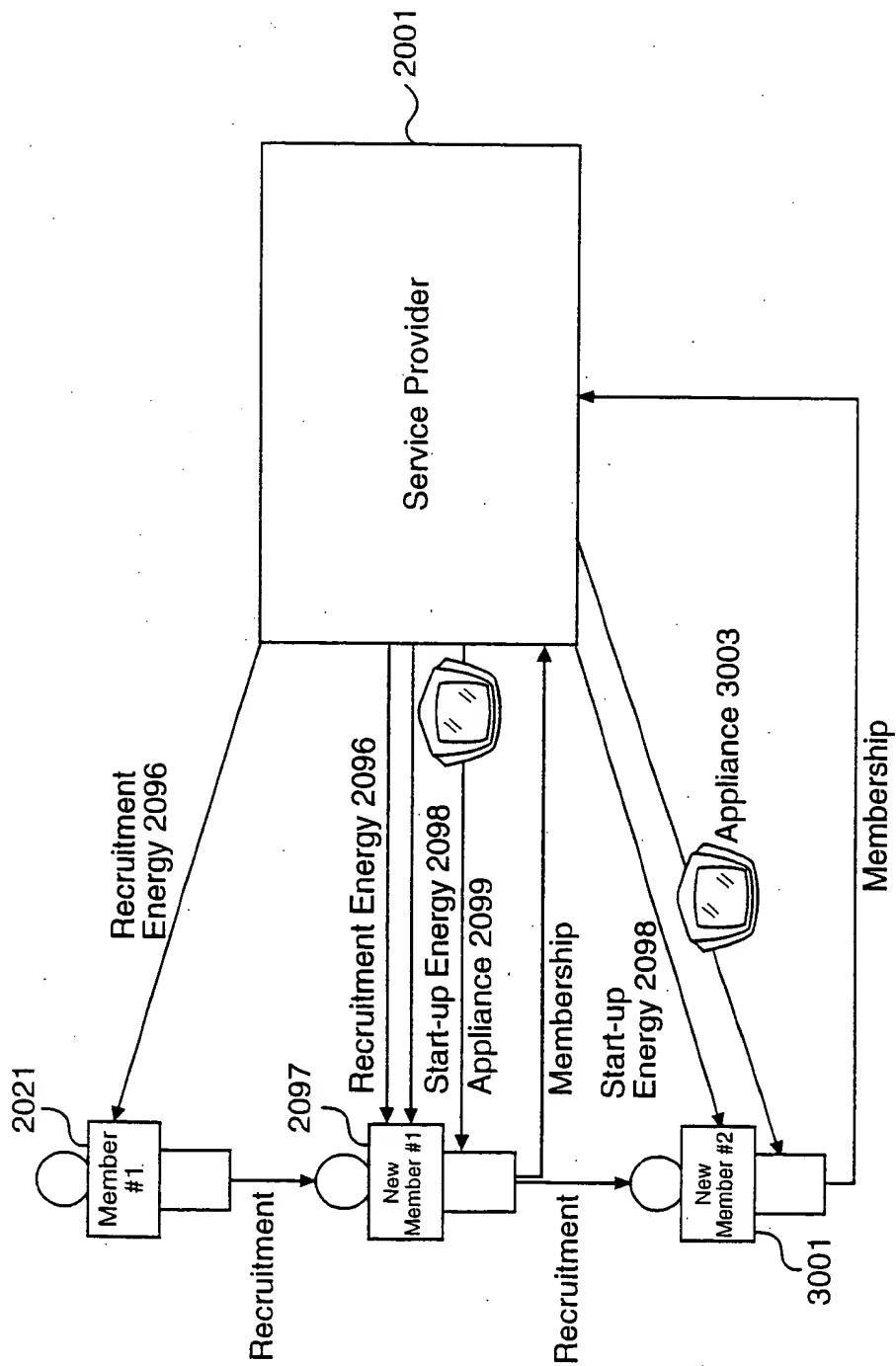


Figure 4D

| 3001 | 3003 | 3005 | 3007 | 3009 | 3011 |
|--|-------------|-------------------|---------------------------|------------|------|
| Type of Input Element | Non-Biasing | Starting Position | Needs On-Screen Indicator | Continuous | |
| 3013 One-Dimensional Touch Pad | Yes | No | No | Yes | |
| 3015 Elongated Button | Yes | No | No | Yes | |
| 3017 Touch Screen with Graphical Slider | Yes | No | Yes | Yes | |
| 3019 Jog Wheel | No | Yes | Yes | Yes | |
| 3021 Scroll Wheel | No | No | Yes | Yes | |
| 3023 Thumb Wheel | No | No | Yes | Yes | |
| 3025 Linear Sliding Knob | No | Yes | No | Yes | |
| 3027 Touch Screen with Graphical Radio Buttons | Yes | No | Yes | No | |
| 3029 Dedicated Buttons on Keyboard | Yes | No | No | No | |
| 3031 Two-Dimensional Touch Pad | Yes | No | No | Yes | |

Figure 5A

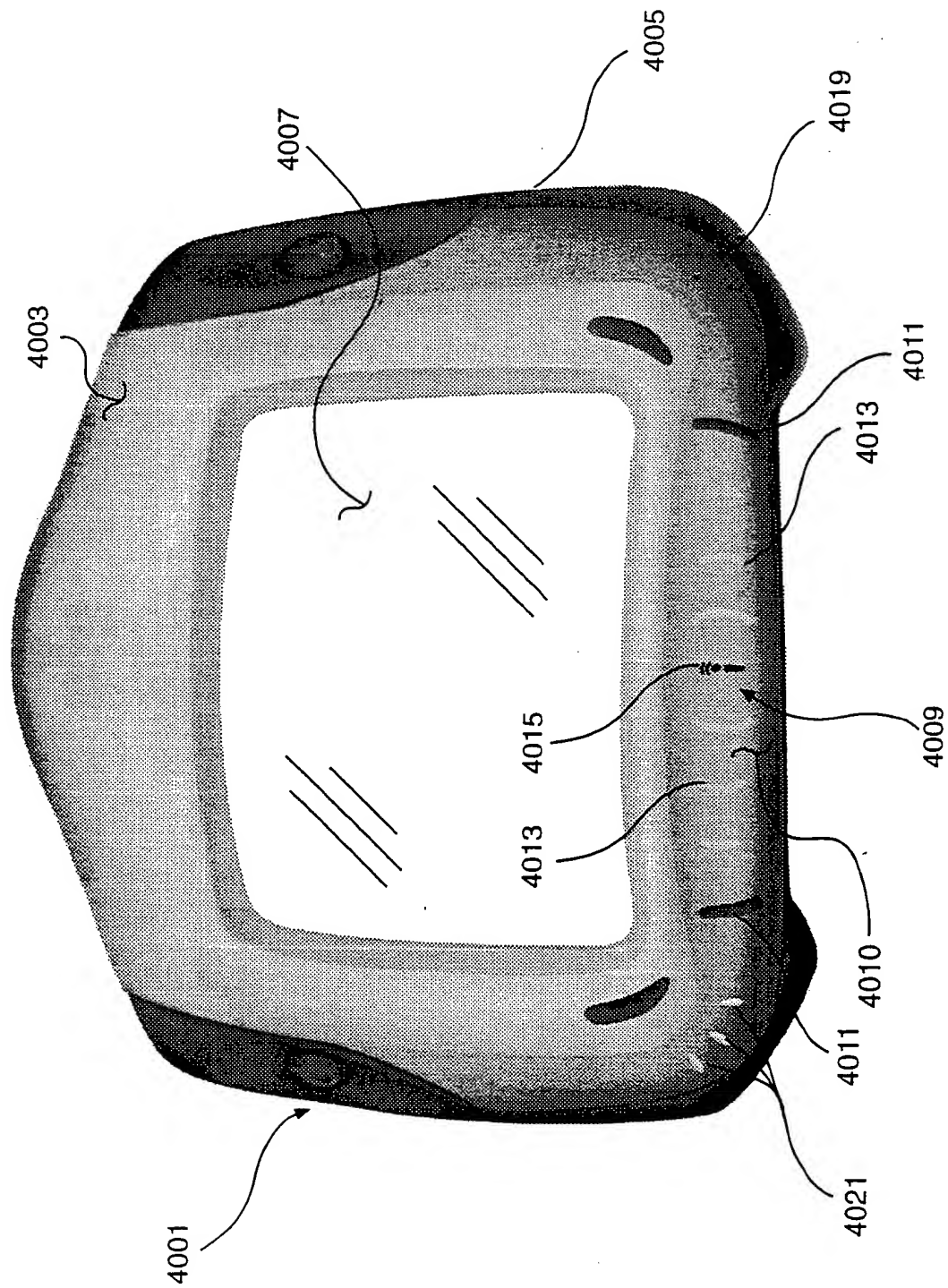


Figure 6A

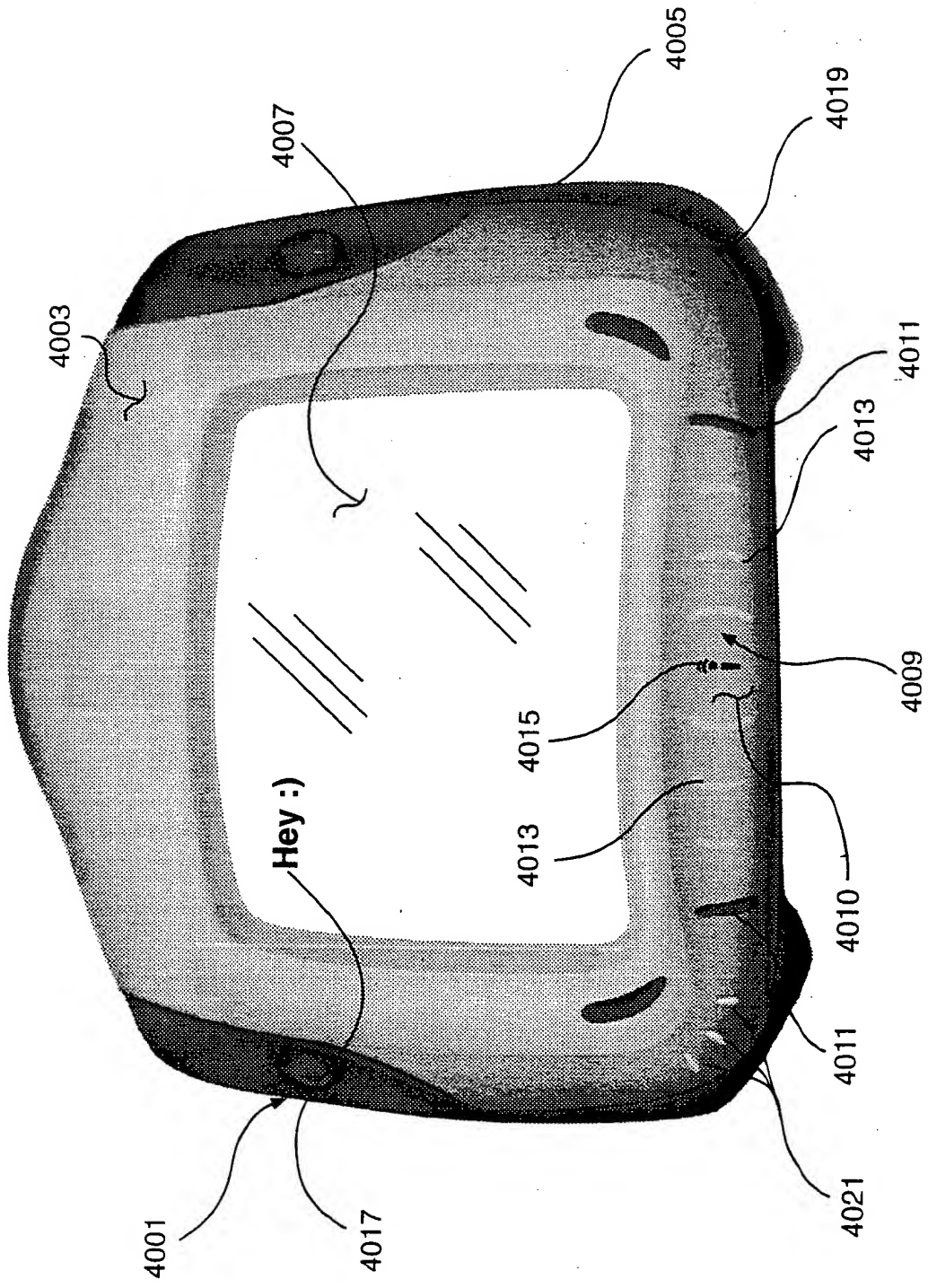


Figure 6B

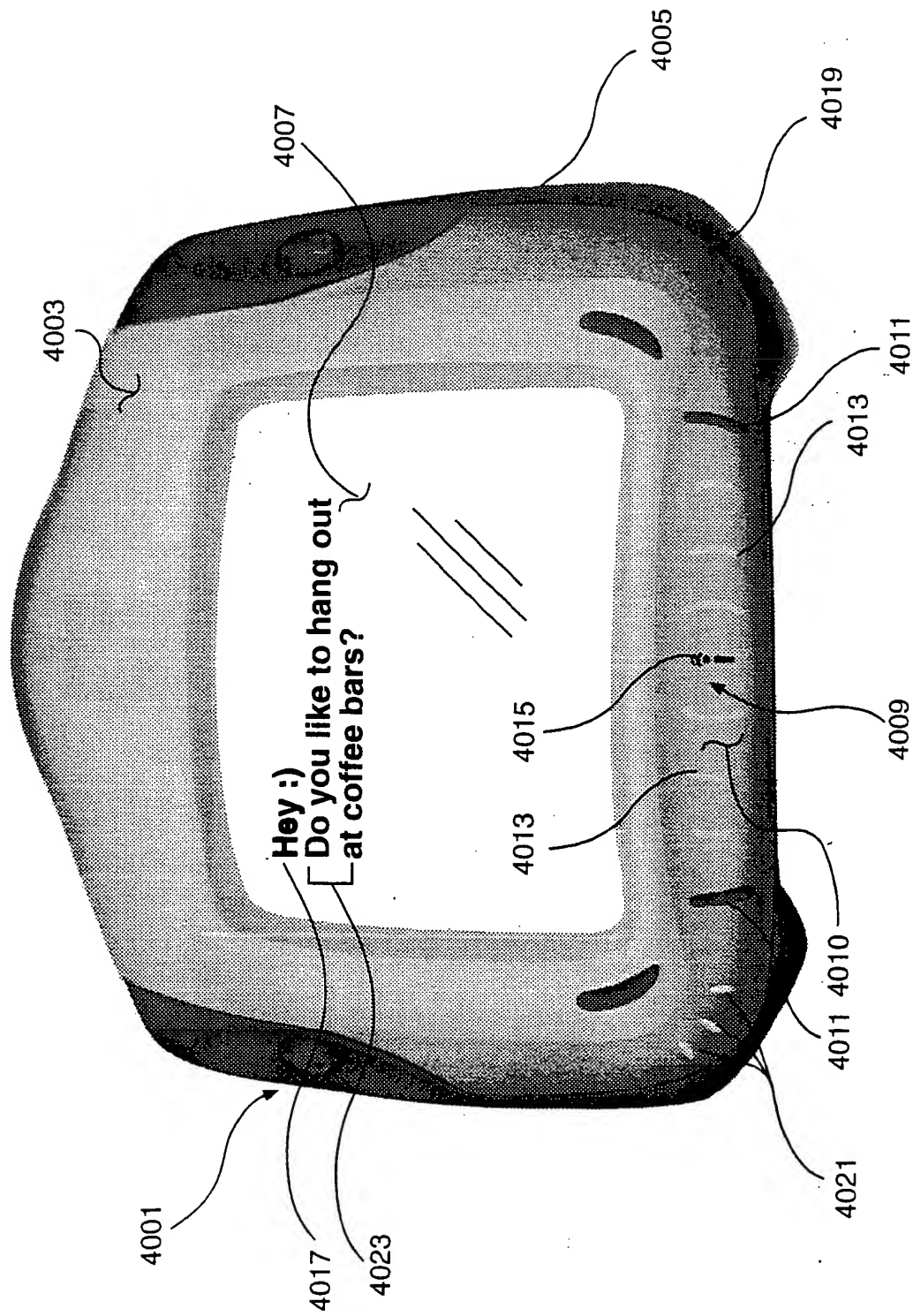


Figure 6C

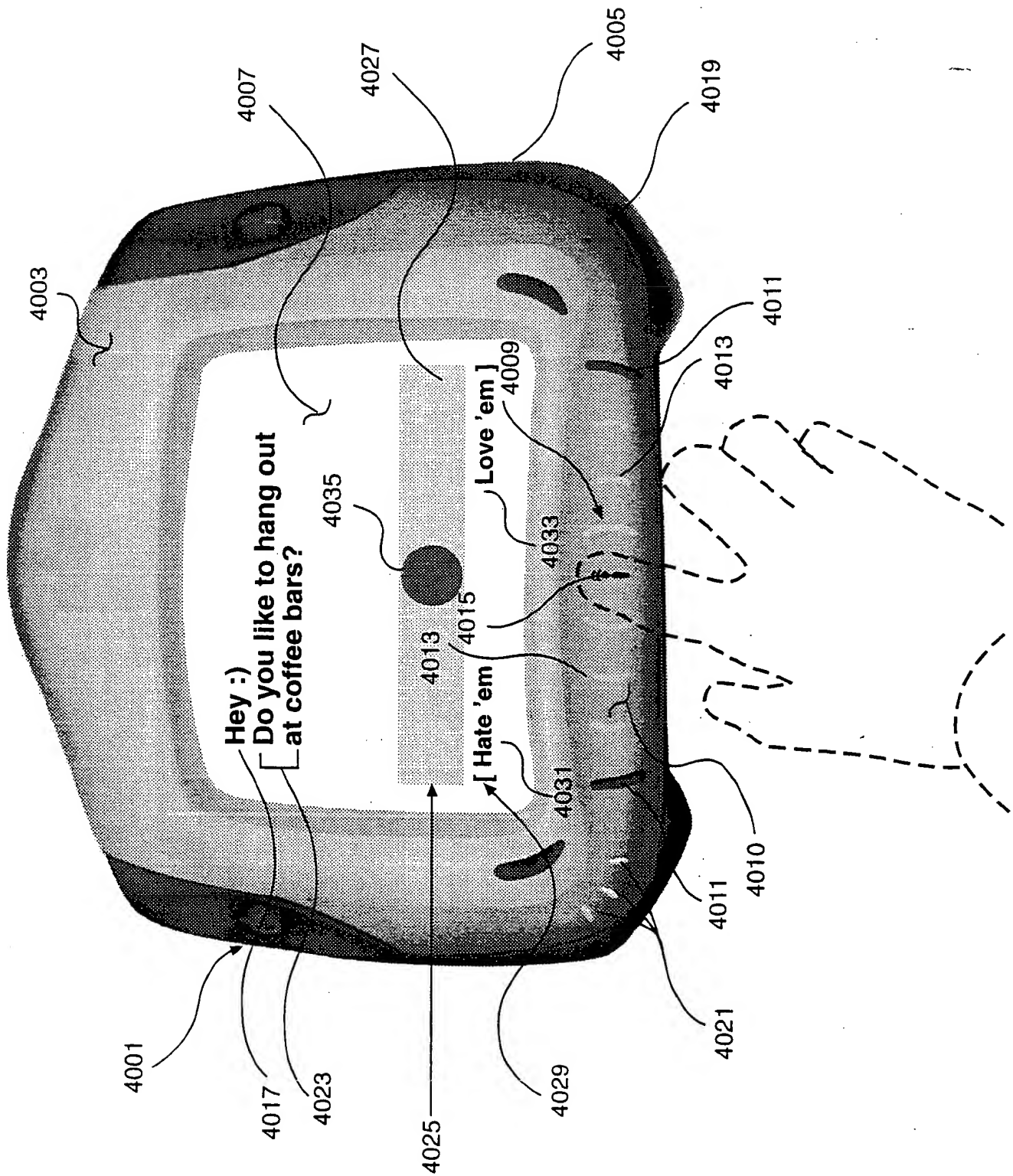


Figure 6D

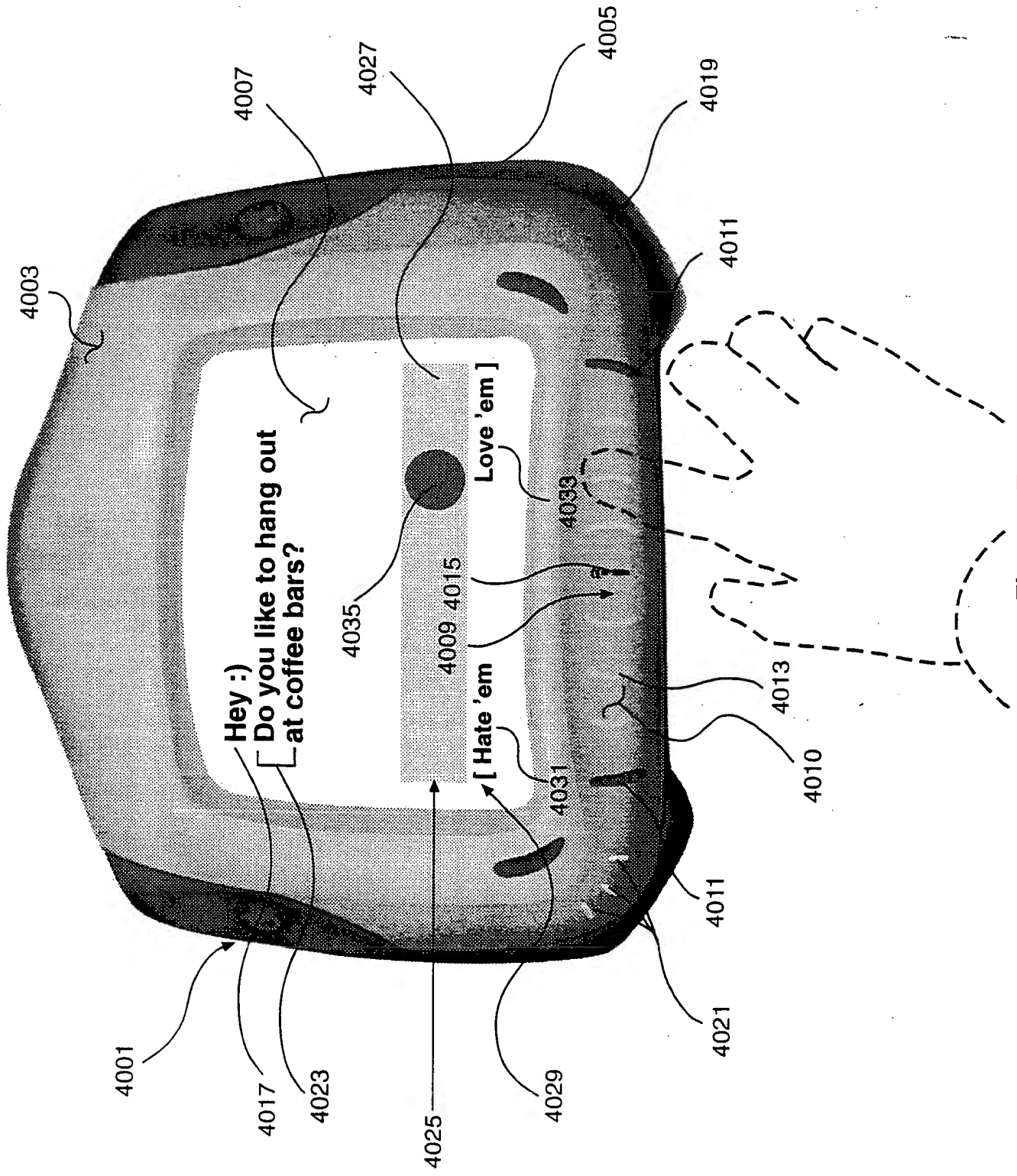


Figure 6E

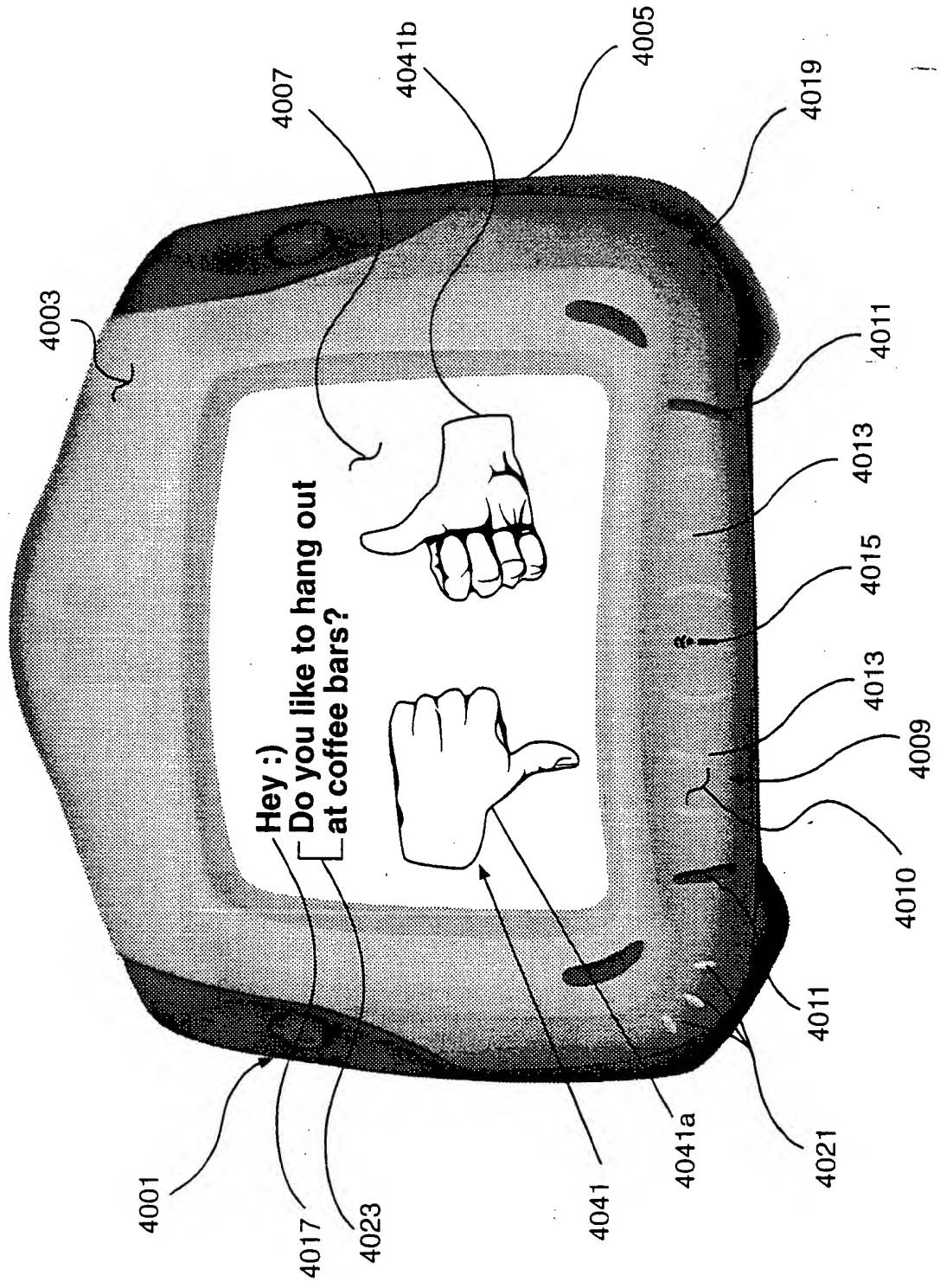


Figure 6F

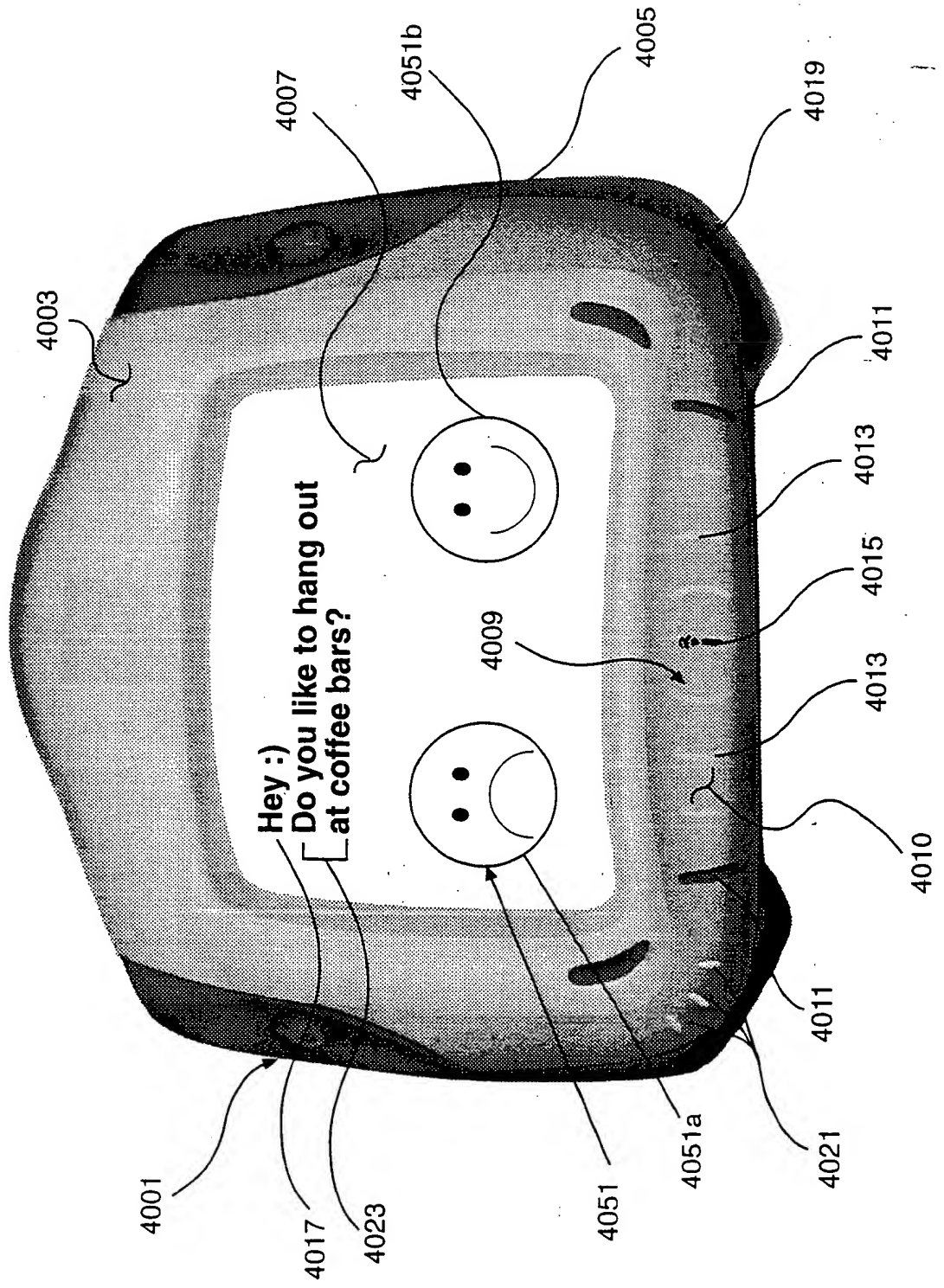


Figure 6G

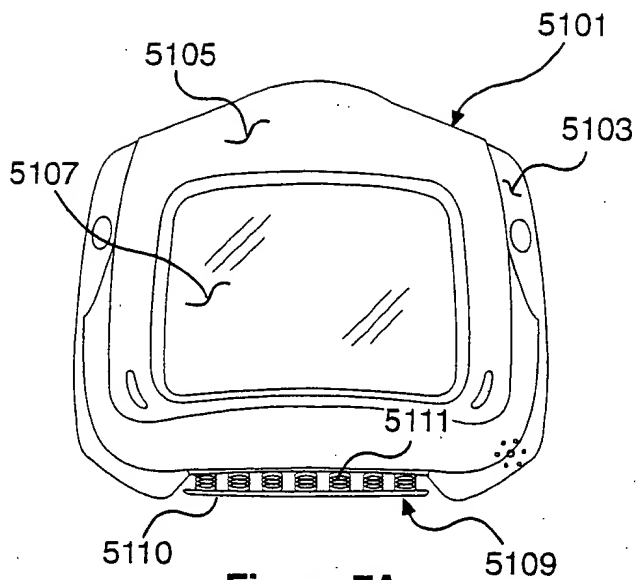


Figure 7A

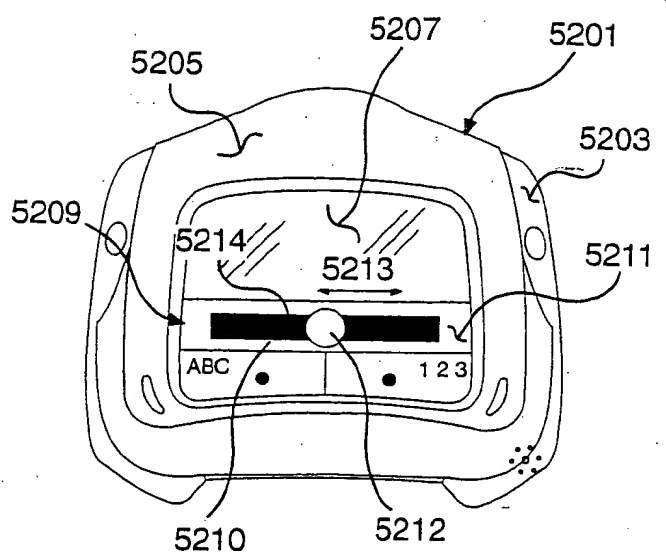


Figure 7B

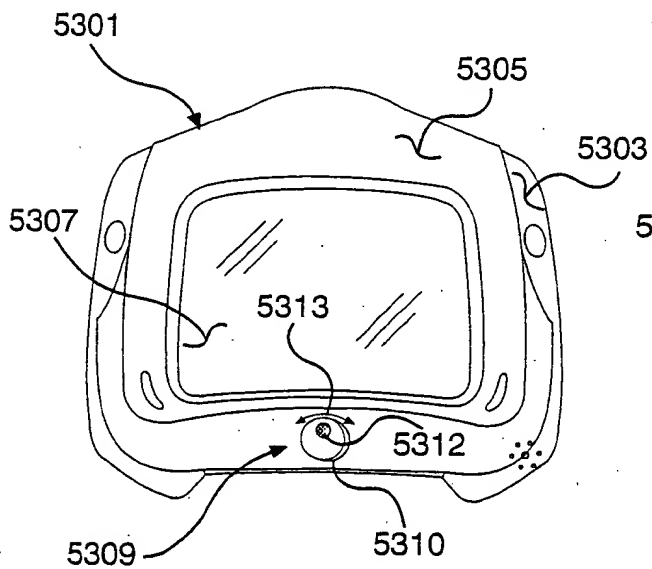


Figure 7C

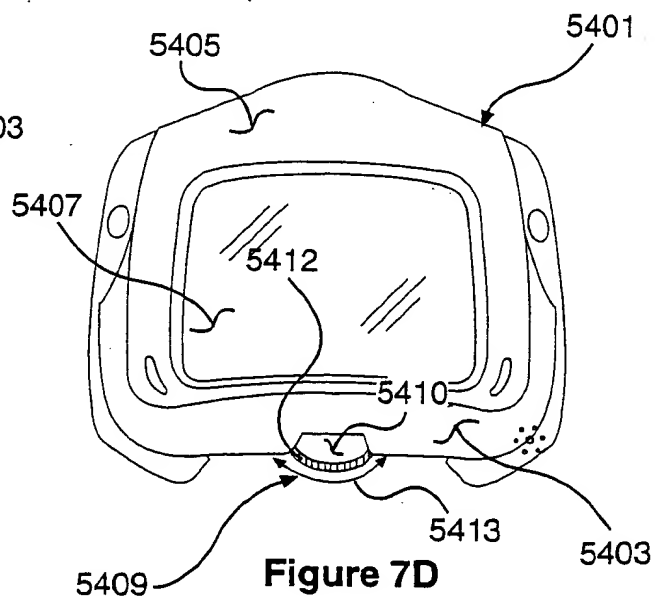


Figure 7D

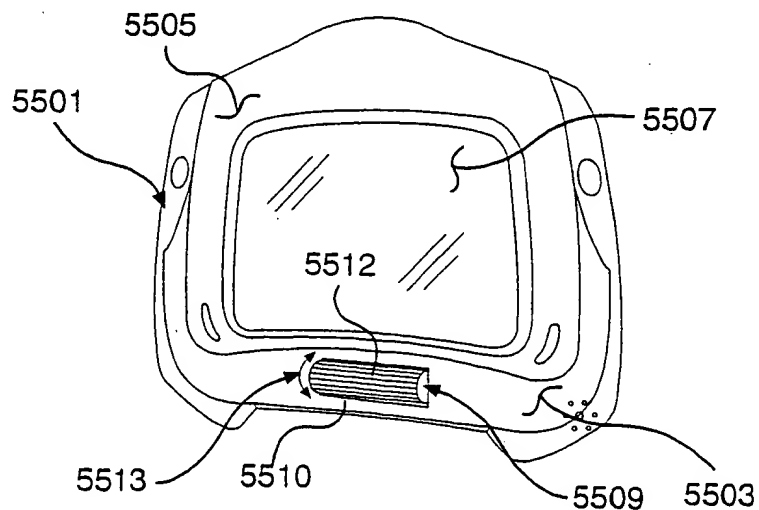


Figure 7E

FIG. 7A-7E

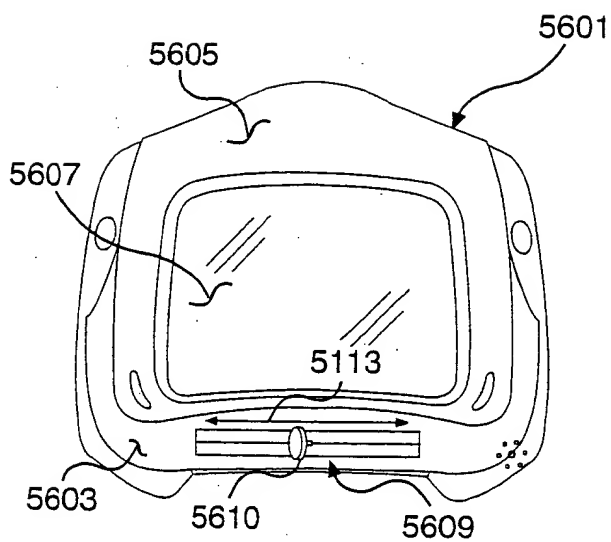


Figure 7F

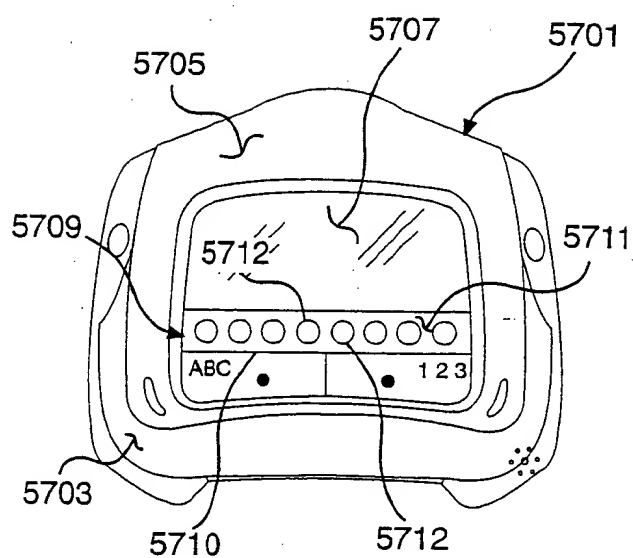


Figure 7G

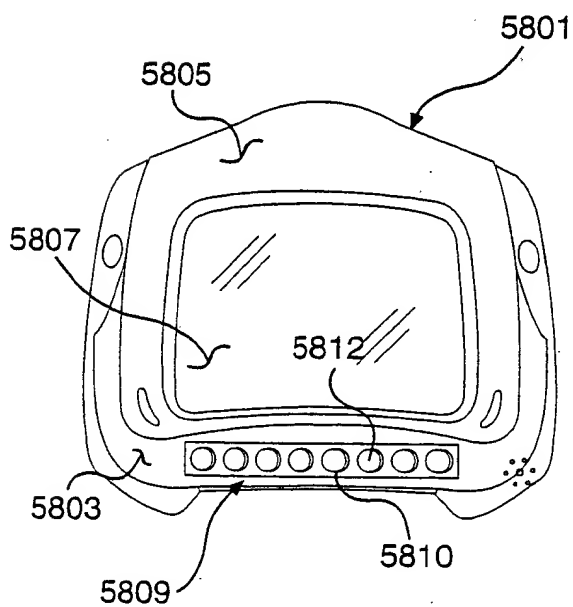


Figure 7H

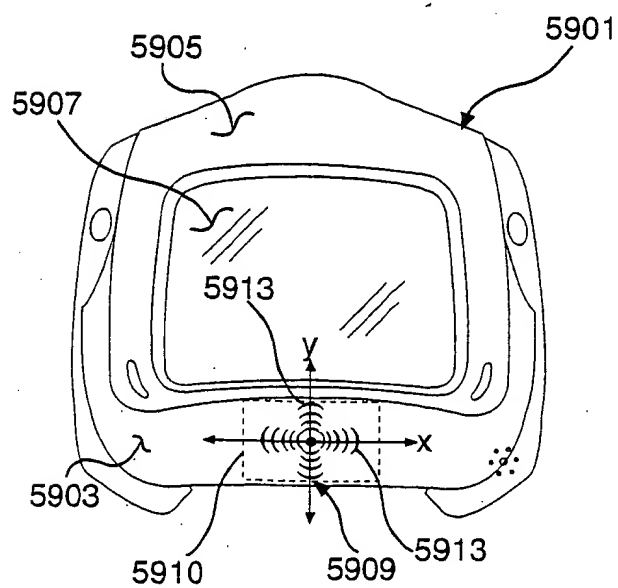


Figure 7I

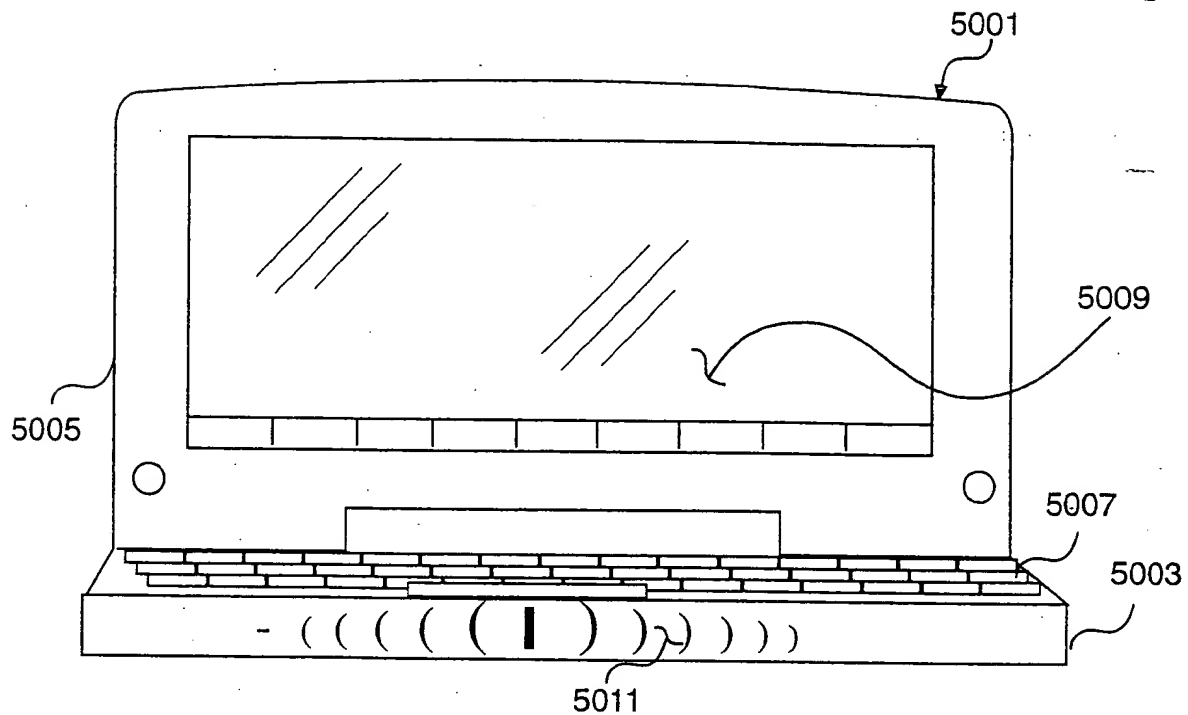


Figure 8A

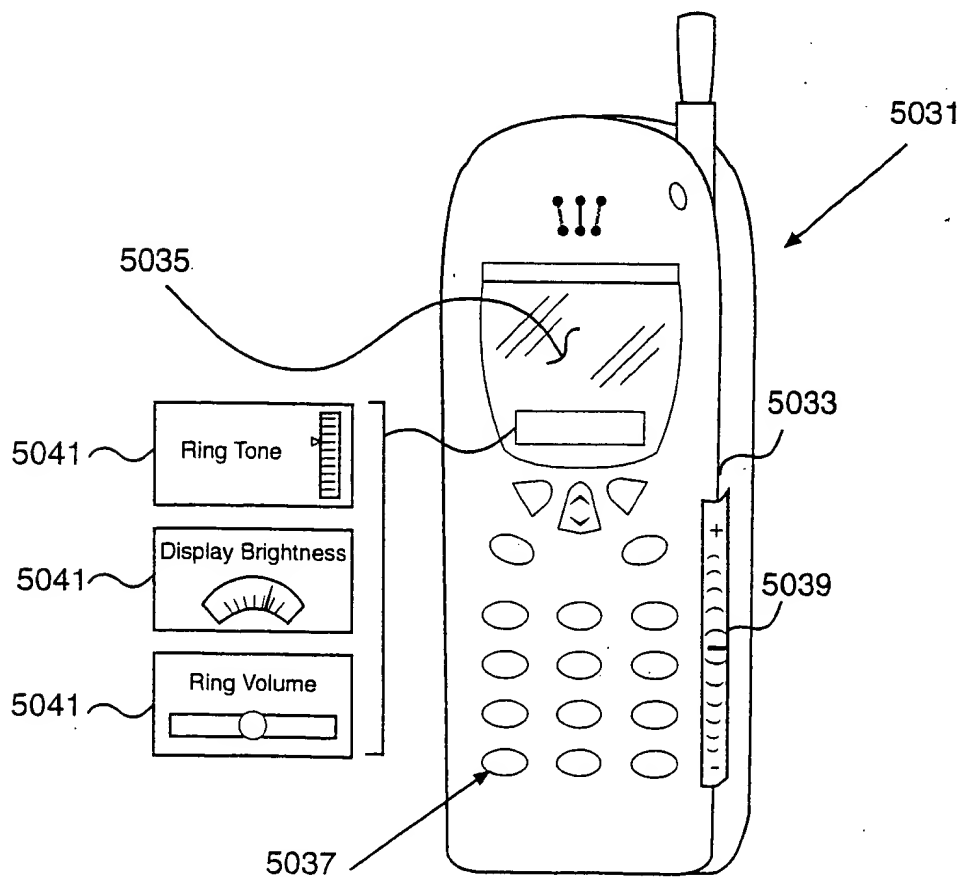


Figure 8B

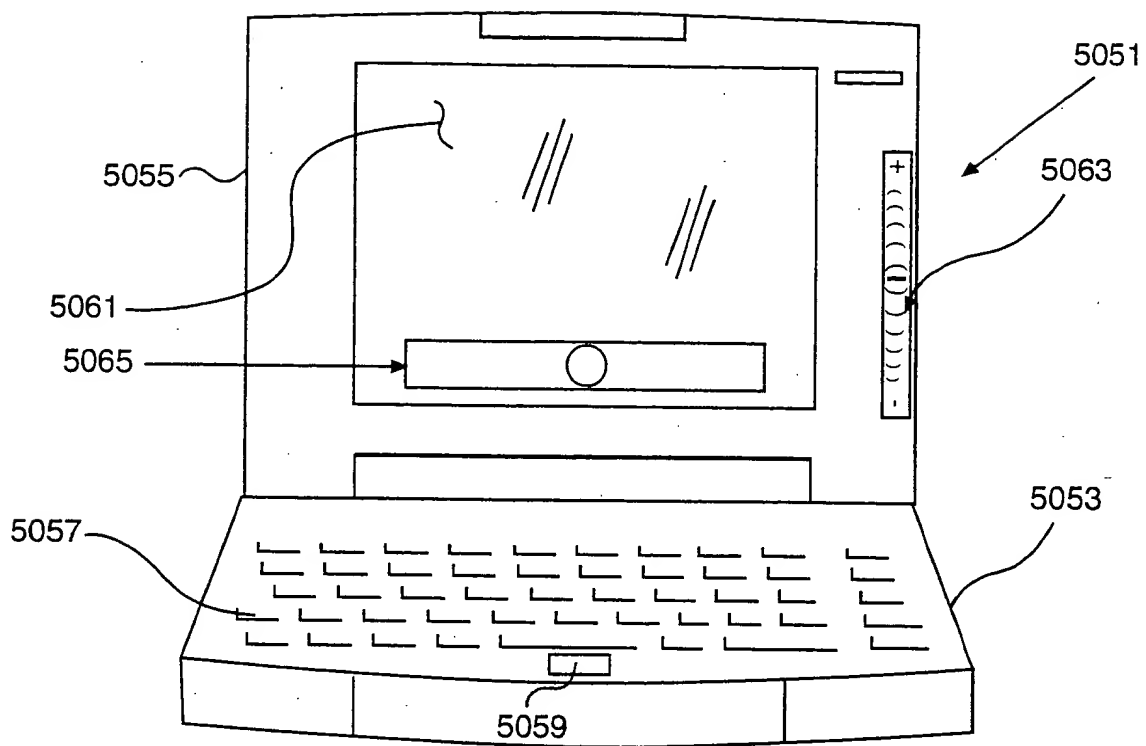


Figure 8C

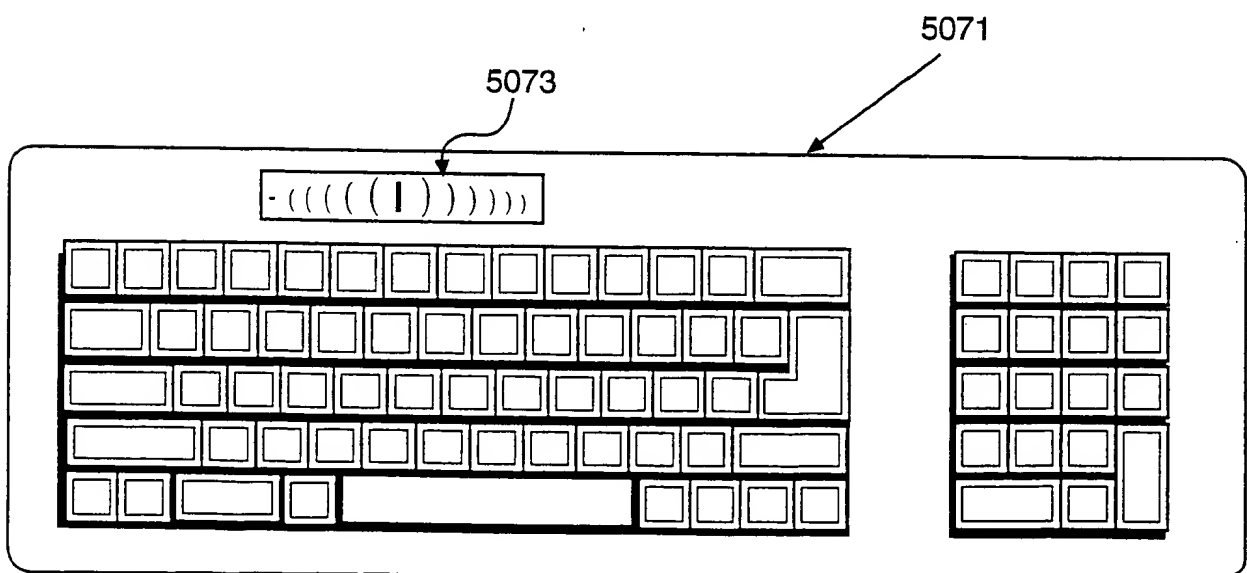


Figure 8D

FIG. 8E

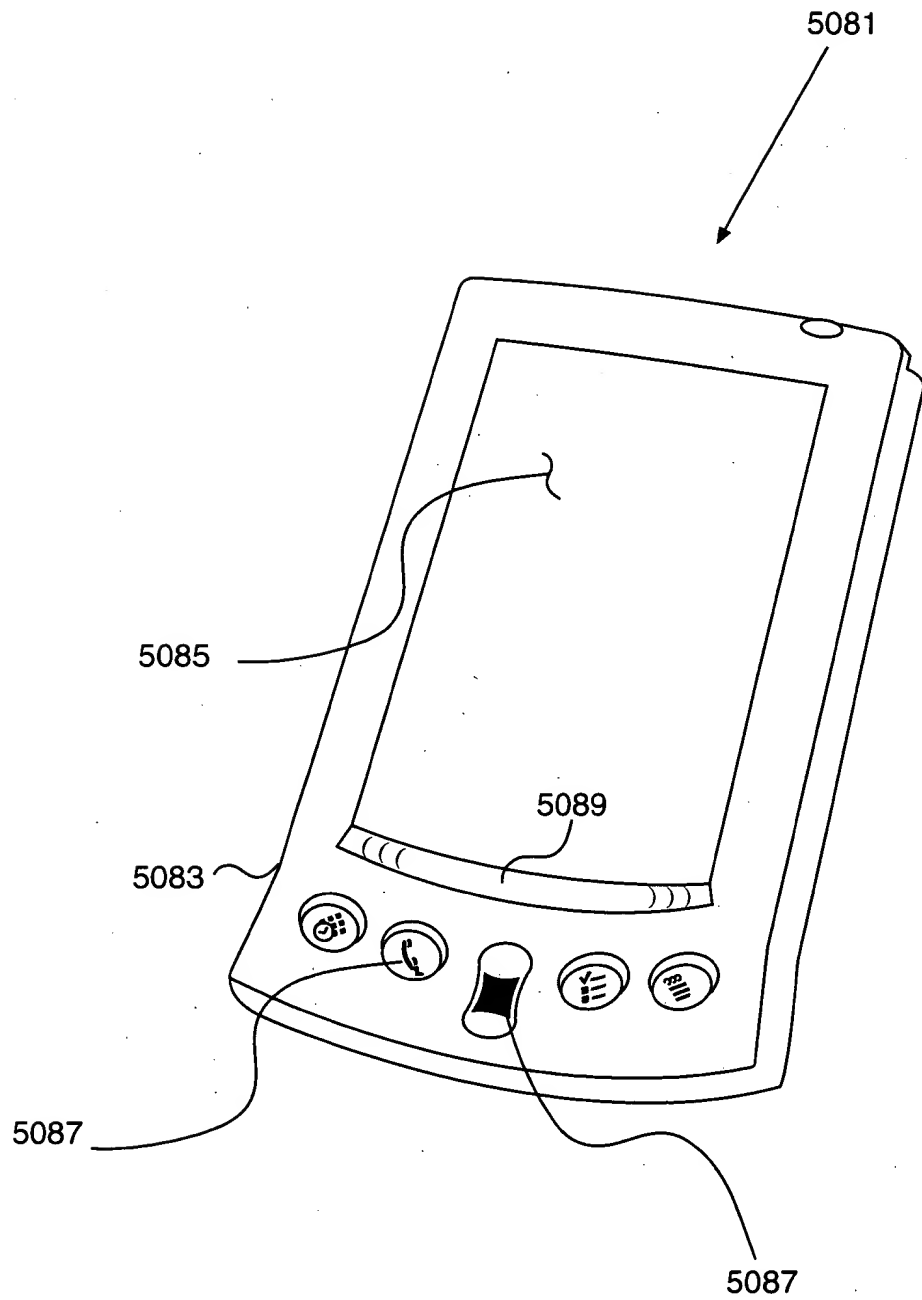


Figure 8E

FOR E30" 2344660

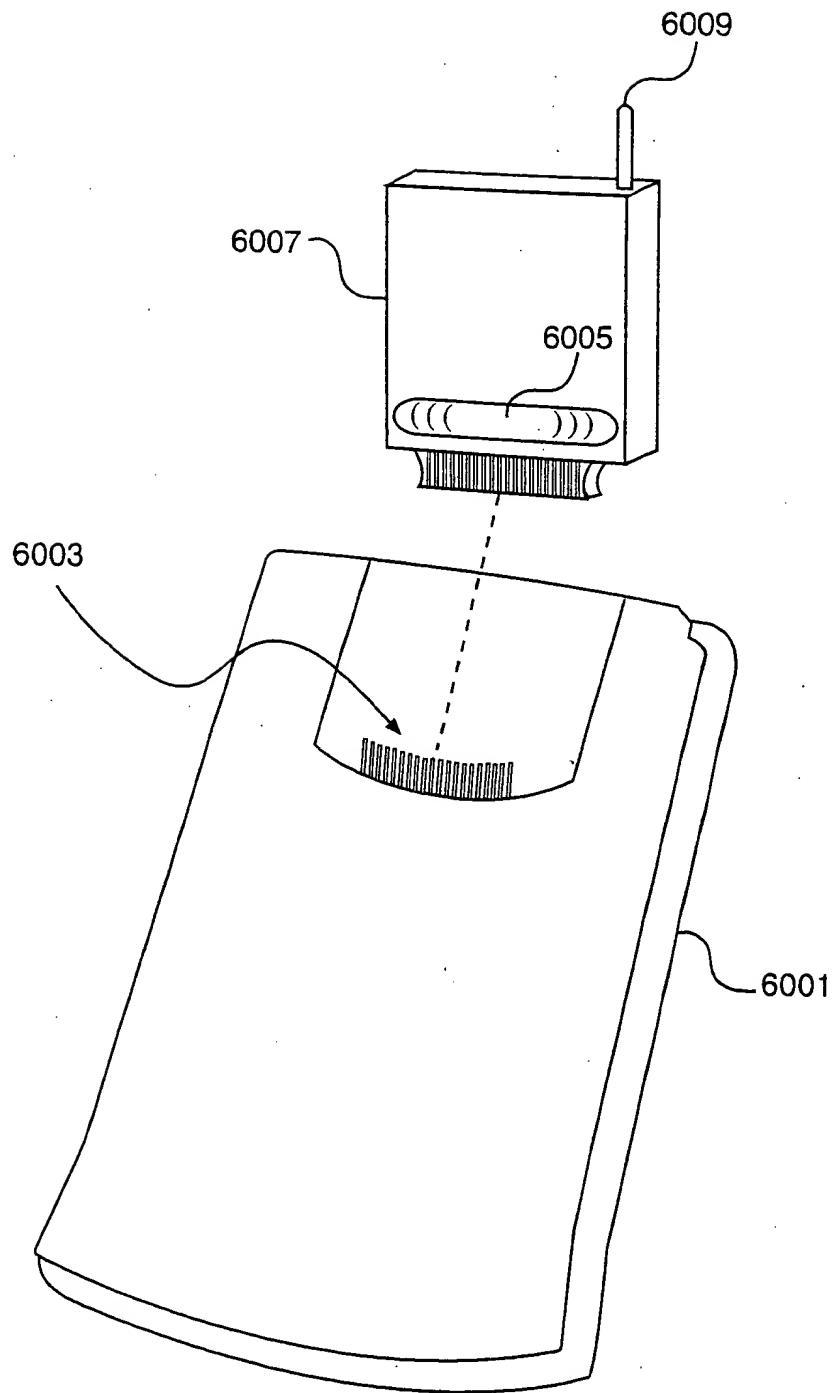


Figure 9

Age * Sex Crosstabulation

| Age | Male | Female | Total |
|-------|------|--------|-------|
| 12 | 154 | 133 | 287 |
| 13 | 154 | 161 | 315 |
| 14 | 155 | 116 | 271 |
| 15 | 131 | 133 | 264 |
| 16 | 100 | 98 | 198 |
| 17 | 104 | 117 | 221 |
| 18 | 80 | 60 | 140 |
| 19 | 10 | 9 | 19 |
| Total | 888 | 827 | 1715 |

Fig 10A

Race * Sex Crosstabulation

| Race | | Male | Female | Total |
|-----------------|------------|--------|--------|--------|
| White | N | 783 | 714 | 1497 |
| | %w/in race | 52.30 | 47.70 | 100.00 |
| Black | N | 91 | 94 | 185 |
| | %w/in race | 49.19 | 50.81 | 100.00 |
| Oriental | N | 4 | 4 | 8 |
| | %w/in race | 50.00 | 50.00 | 100.00 |
| American Indian | N | 4 | | 4 |
| | %w/in race | 100.00 | | 100.00 |
| Other | N | 6 | 13 | 19 |
| | %w/in race | 31.58 | 68.42 | 100.00 |
| Total | N | 888 | 825 | 1713 |
| | %w/in race | 51.84 | 48.16 | 100.00 |

Fig 10B

FOR ESO" 234460

Thumb Length

| | N | Mean | Std Dev | 1st | 5th | 50th | 95th | 99th |
|---------------|-----|------|---------|-----|-----|------|------|------|
| Total Males | 292 | 6.3 | 0.7 | 5.0 | 5.3 | 6.3 | 7.3 | 8.1 |
| Total Females | 285 | 6.0 | 0.5 | 4.8 | 5.1 | 5.9 | 6.8 | 7.1 |
| Males 12-15 | 196 | 6.1 | 0.6 | 5.0 | 5.2 | 6.1 | 7.1 | 7.8 |
| Males 16-19 | 96 | 6.7 | 0.6 | 5.5 | 5.9 | 6.7 | 7.5 | |
| Females 12-15 | 198 | 5.9 | 0.5 | 4.7 | 5.0 | 5.9 | 6.8 | 7.0 |
| Females 16-19 | 87 | 6.1 | 0.5 | 5.1 | 5.3 | 6.2 | 6.9 | |

Fig. 10c

Thumb Length: Males

| | | | | Percentiles | | | | |
|-----|----|------|---------|-------------|-----|------|------|------|
| Age | N | Mean | Std Dev | 1st | 5th | 50th | 95th | 99th |
| 12 | 46 | 5.7 | 0.4 | 4.9 | 5.0 | 5.7 | 6.3 | |
| 13 | 46 | 6.0 | 0.5 | 5.1 | 5.2 | 5.9 | 6.9 | |
| 14 | 54 | 6.2 | 0.6 | 5.1 | 5.2 | 6.1 | 7.3 | |
| 15 | 50 | 6.6 | 0.4 | 5.5 | 5.9 | 6.6 | 7.3 | |
| 16 | 31 | 6.6 | 0.4 | 5.7 | 5.9 | 6.6 | 7.1 | |
| 17 | 38 | 6.8 | 0.7 | 5.5 | 5.8 | 6.8 | 7.9 | |
| 18 | 25 | 6.8 | 0.4 | 6.2 | 6.2 | 6.9 | 7.5 | |
| 19 | 2 | 7.6 | 0.8 | 7.0 | 7.0 | 7.6 | | |

Fig. 10D

Thumb Length: Females

| | | | | Percentiles | | | | |
|-----|---------|------|---------|-------------|-----|------|------|------|
| Age | Valid N | Mean | Std Dev | 1st | 5th | 50th | 95th | 99th |
| 12 | 48 | 5.7 | 0.5 | 4.7 | 4.9 | 5.8 | 6.5 | |
| 13 | 61 | 5.9 | 0.5 | 4.6 | 4.9 | 5.8 | 6.6 | |
| 14 | 44 | 5.9 | 0.5 | 4.8 | 5.0 | 5.9 | 6.9 | |
| 15 | 45 | 6.1 | 0.4 | 5.4 | 5.4 | 6.0 | 6.9 | |
| 16 | 25 | 6.2 | 0.5 | 5.1 | 5.2 | 6.3 | 7.1 | |
| 17 | 42 | 6.0 | 0.5 | 5.1 | 5.2 | 6.0 | 7.0 | |
| 18 | 16 | 6.2 | 0.3 | 5.7 | 5.7 | 6.2 | | |
| 19 | 4 | 6.1 | 0.3 | 5.7 | 5.7 | 6.1 | | |

Fig. 10E

FOOTEST 2844660

Fig. 10F

Correlations: Total

| | | THUMB LENGTH | HAND LENGTH |
|--------------|---------------------|--|-------------|
| THUMB LENGTH | Pearson Correlation | 1 | 0.770 |
| | Sig. (2-tailed)** | . | 0.000 |
| | N | 577 | 576 |
| HAND LENGTH | Pearson Correlation | 0.770 | 1 |
| | Sig. (2-tailed)** | 0.000 | . |
| | N | 576 | 1707 |
| ** | | Correlation is significant at the 0.01 level (2-tailed)**. | |

Fig. 10G

Correlations: Male

| | | THUMB LENGTH | HAND LENGTH |
|--------------|---------------------|--|-------------|
| THUMB LENGTH | Pearson Correlation | 1 | 0.790 |
| | Sig. (2-tailed)** | . | 0.000 |
| | N | 292 | 291 |
| HAND LENGTH | Pearson Correlation | 0.790 | 1 |
| | Sig. (2-tailed)** | 0.000 | . |
| | N | 291 | 882 |
| ** | | Correlation is significant at the 0.01 level (2-tailed)**. | |

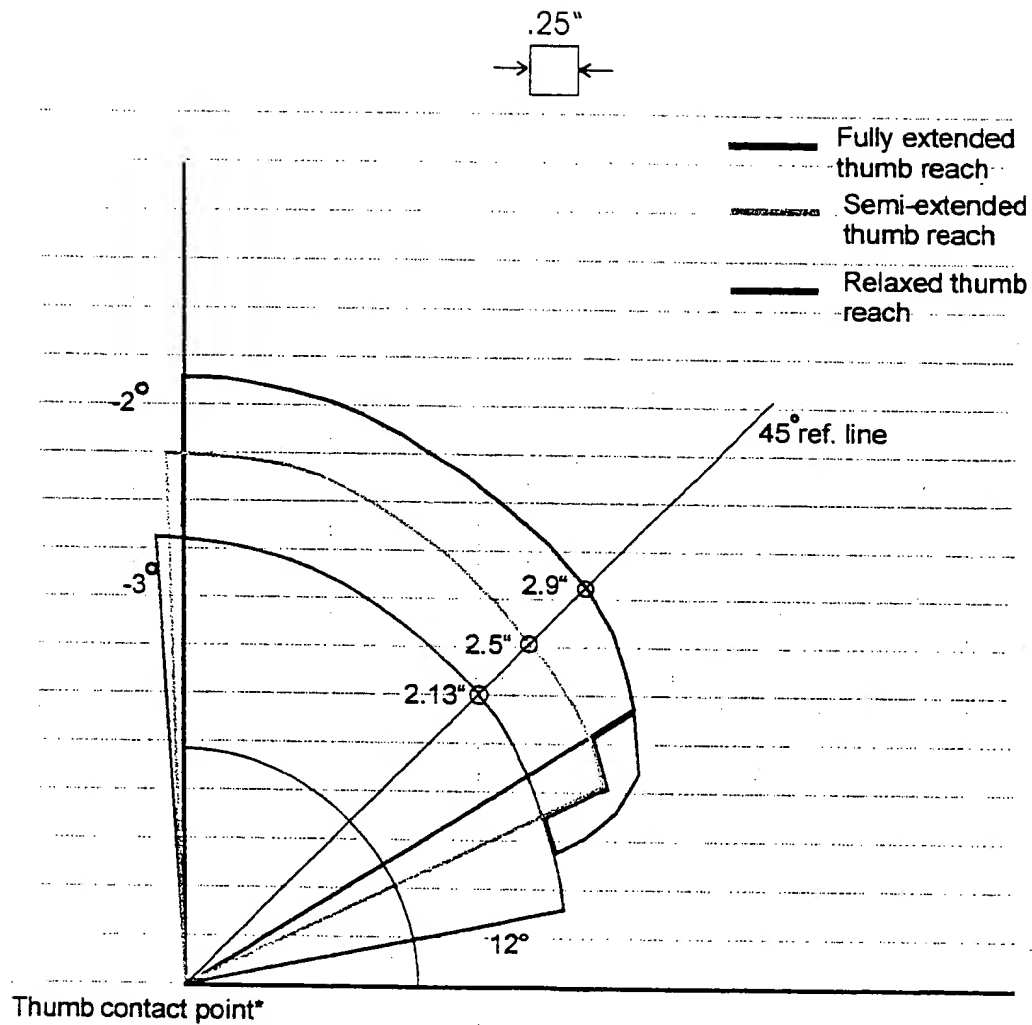
Correlations: Female

| | | THUMB LENGTH | HAND LENGTH |
|--------------|---------------------|--|-------------|
| THUMB LENGTH | Pearson Correlation | 1 | 0.657 |
| | Sig. (2-tailed)** | . | 0.000 |
| | N | 285 | 285 |
| HAND LENGTH | Pearson Correlation | 0.657 | 1 |
| | Sig. (2-tailed)** | 0.000 | . |
| | N | 285 | 825 |
| ** | | Correlation is significant at the 0.01 level (2-tailed)**. | |

Fig. 10H

09443-0340
284460

101100-2844650



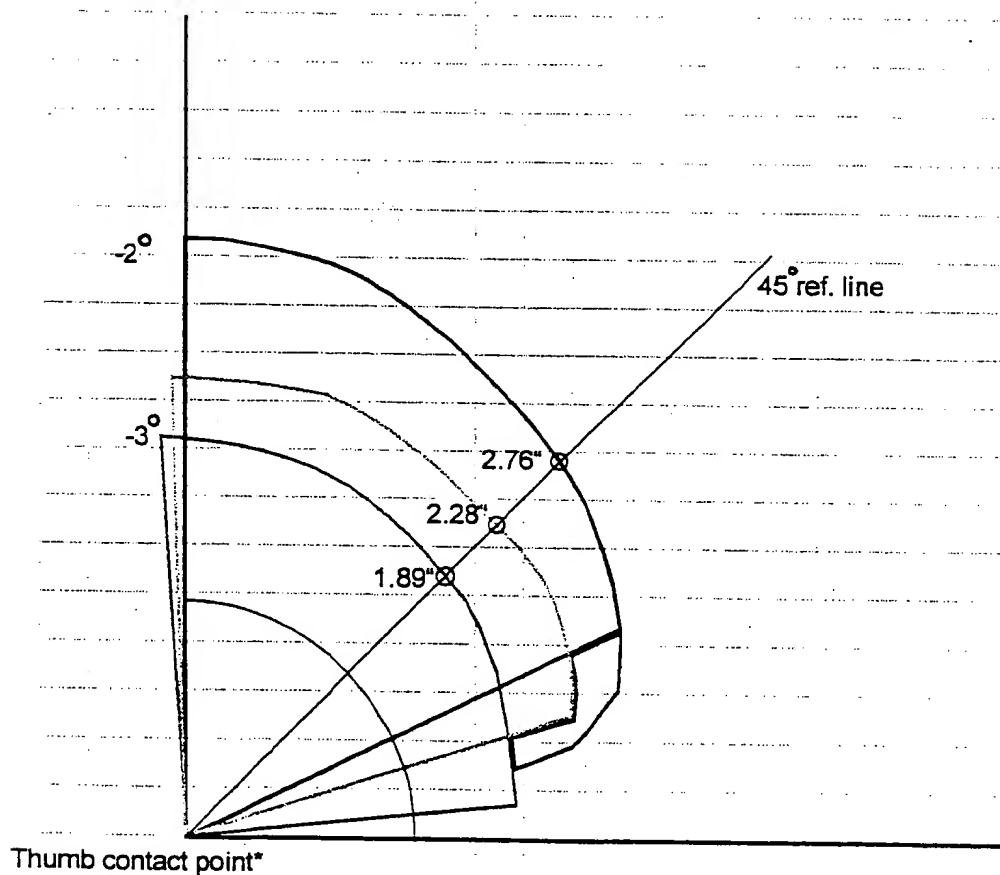
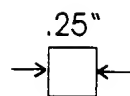
1st Percentile Left Thumb Sweeps, Females Age 12-19
(Uniform object thickness 0.75", corner radius 1.5")

Note: each data point represents thumb tip at centerline of thumb

* Located vertically over point of thumb base contact with corner,
at midpoint of lower corner radius on device

Fig 10I

C23



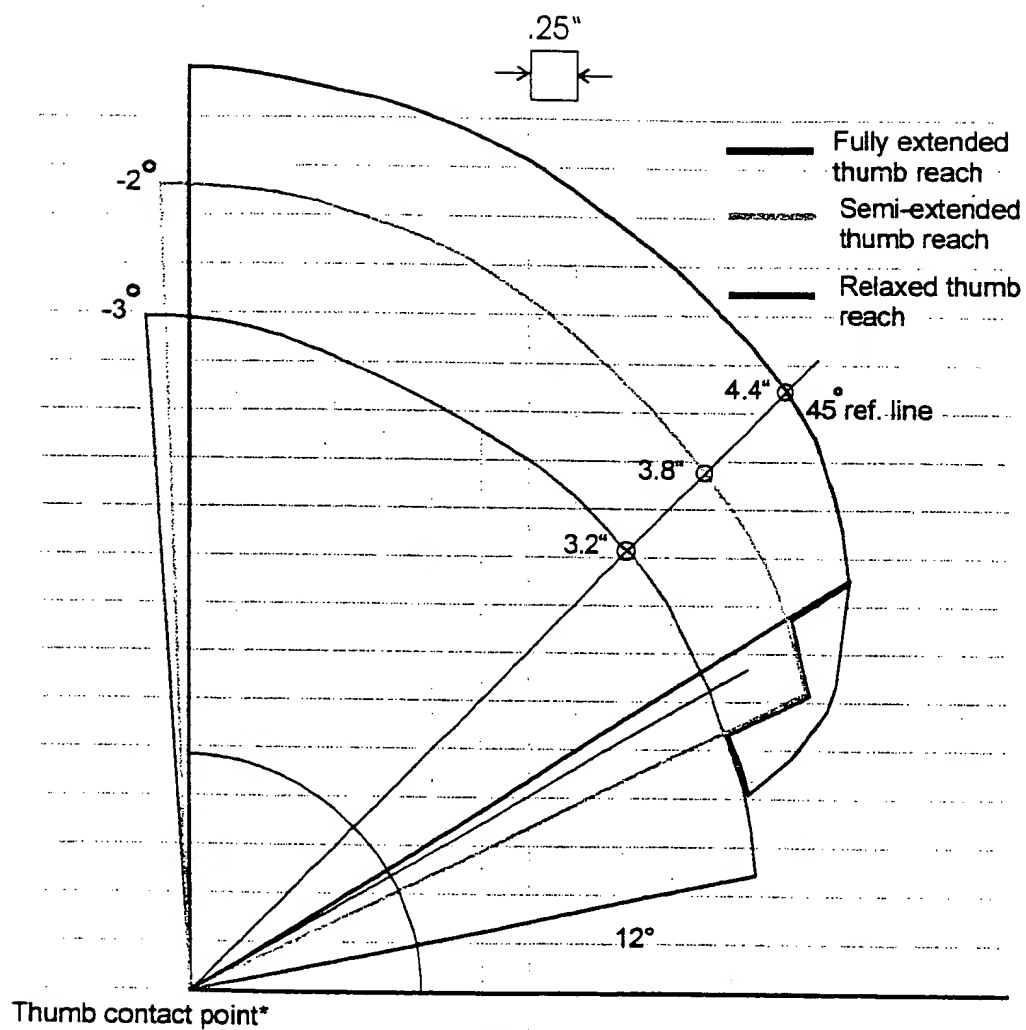
1st Percentile Left Thumb Sweeps, Females Age 12-19
(Uniform object thickness 0.75", corner radius 0.75")

* Located vertically over point of thumb base contact with corner,
at midpoint of lower corner radius on device

Fig. 10J

C24

0964482-083101



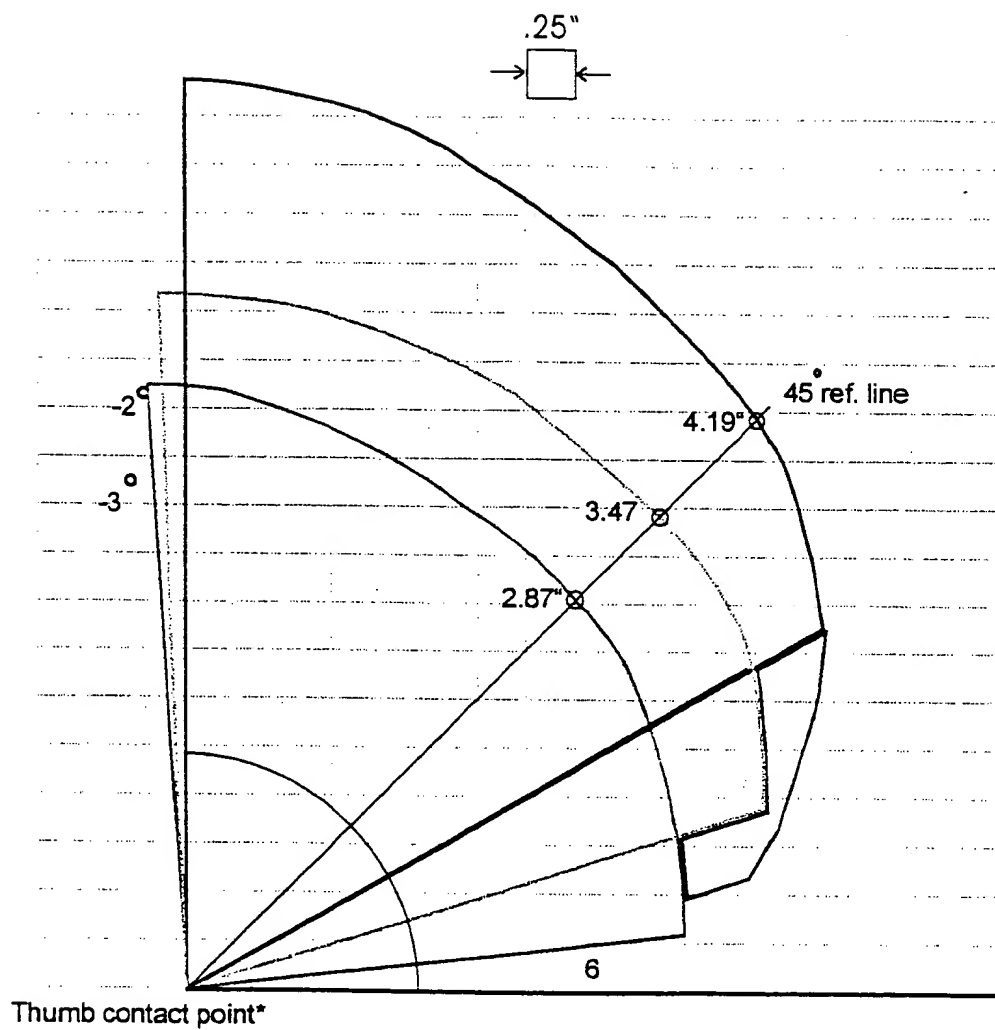
95th Percentile Left Thumb Sweeps, Male Age 12-19
(Uniform object thickness 0.75", corner radius 1.5")
Note: each data point represents thumb tip at centerline of thumb

* Located vertically over point of thumb base contact with corner, at midpoint of lower corner radius on device

Fig 10K

C25

09443-0310

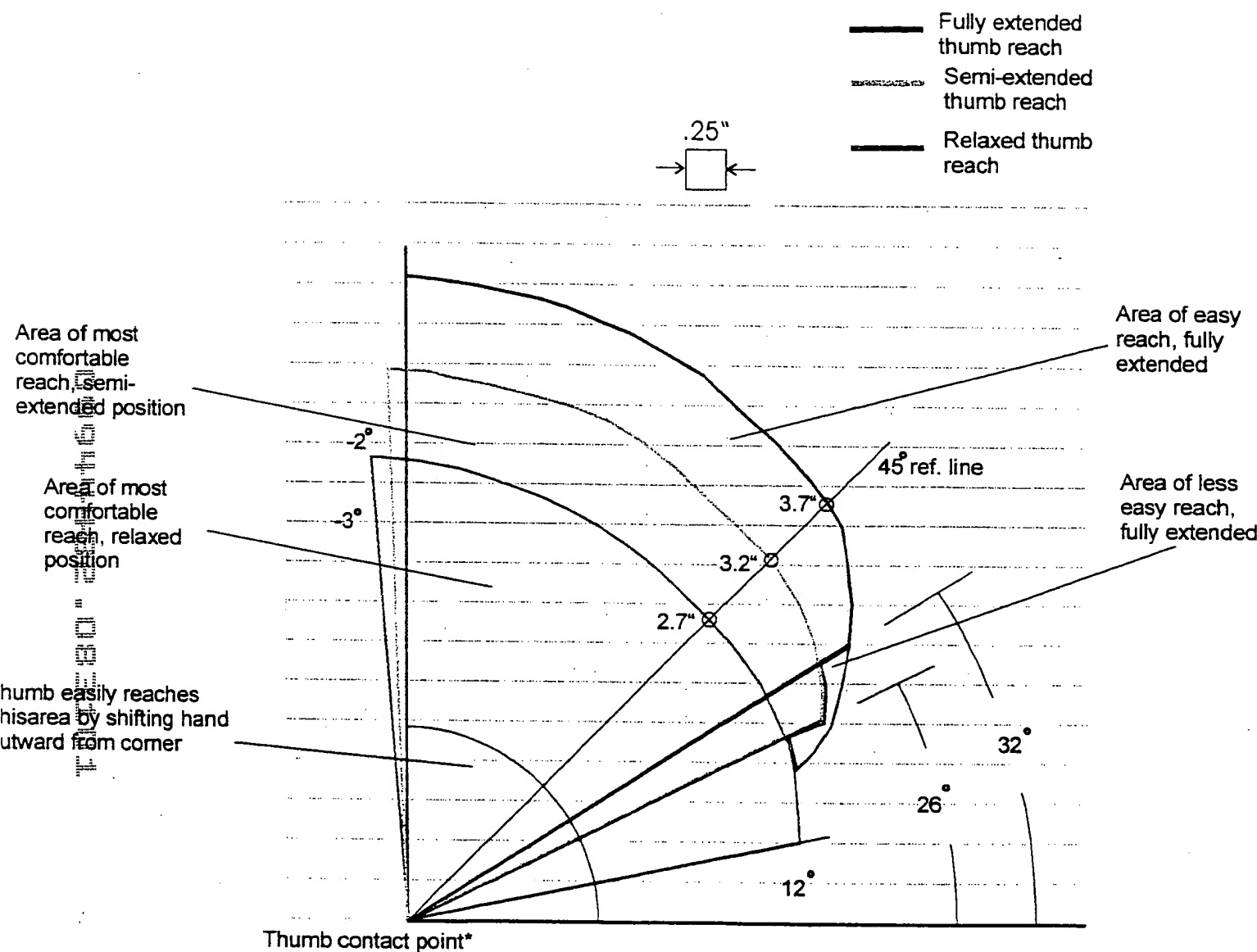


95th Percentile Left Thumb Sweeps, Male Age 12-19
(Uniform object thickness 0.75", corner radius 0.75")

* Located vertically over point of thumb base contact with corner,
at midpoint of lower corner radius on device

Fig 10L

C26

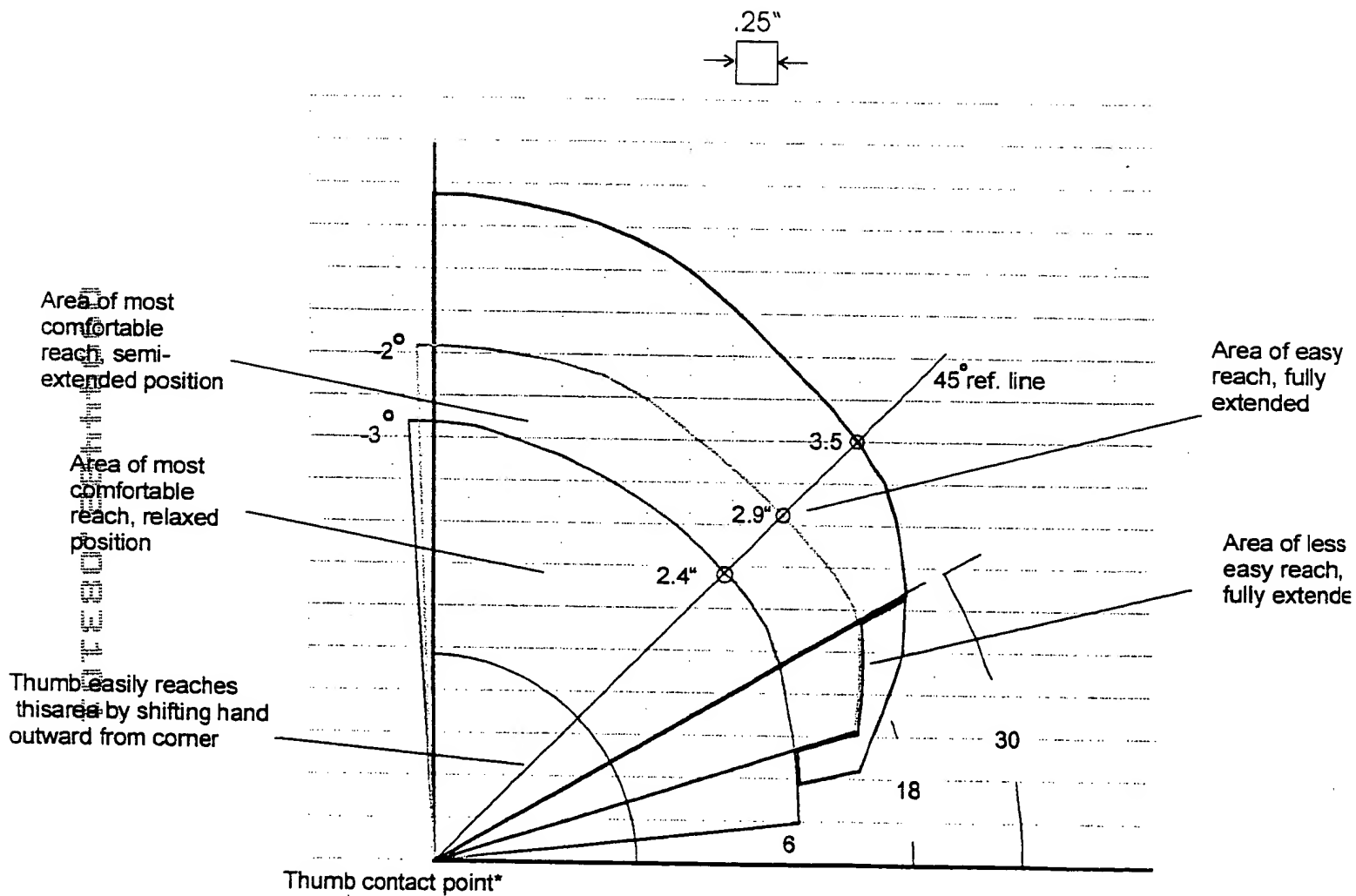


50th Percentile Left Thumb Sweeps, M+F Age 12-19
(Uniform object thickness 0.75", corner radius 1.5")

Note: Each data point represents thumb tip at centerline of thumb

* Located vertically over point of thumb base contact with corner, at midpoint of lower corner radius on device

Fig. 10M

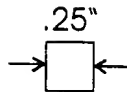


50th Percentile Left Thumb Sweeps, M+F Age 12-19
(Uniform object thickness 0.75", corner radius 0.75")

* Located vertically over point of thumb base contact with corner,
at midpoint of lower corner radius on device

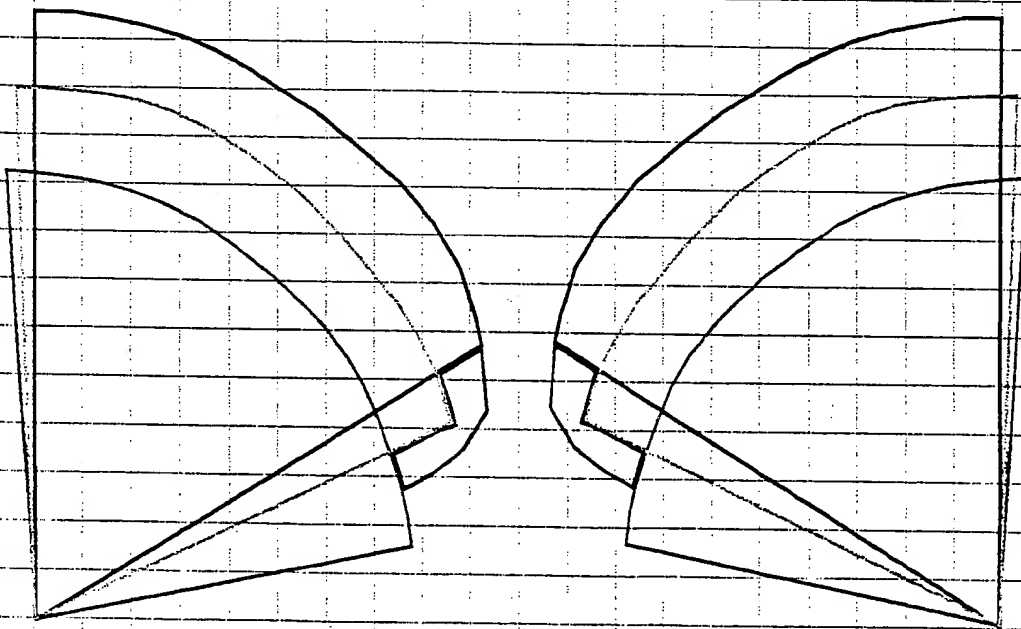
Fig 10N

C 28



— Fully extended thumb reach
 — Semi-extended thumb reach
 — Relaxed thumb reach

FOURTH



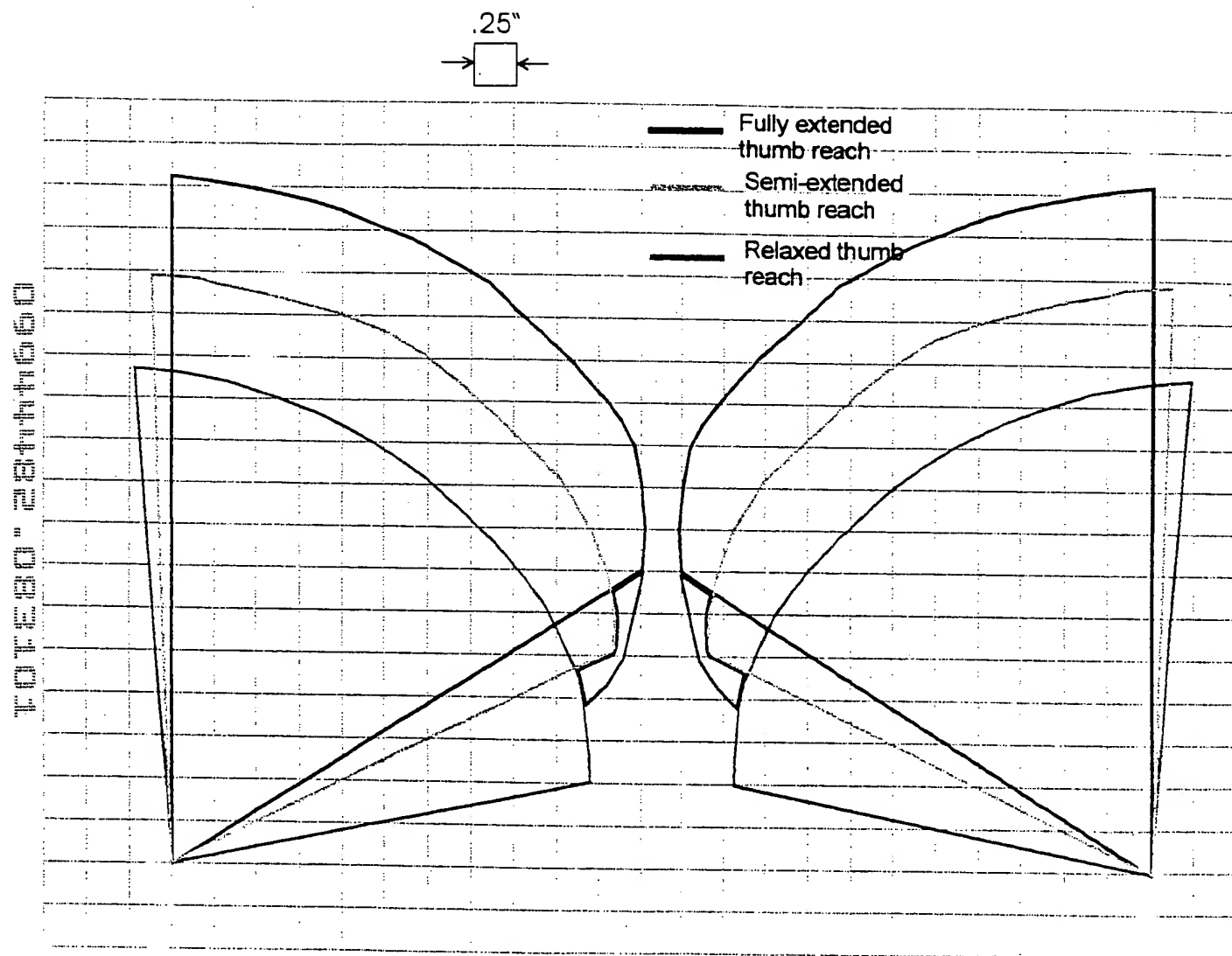
1st Percentile Combined Thumb Sweeps, Females Age 12-19
(Uniform object thickness 0.75", corner radius 1.5")

Note: each data point represents thumb tip at centerline of thumb

* Located vertically over point of thumb base contact with corner,
at midpoint of lower corner radius on device

Fig 100

C29



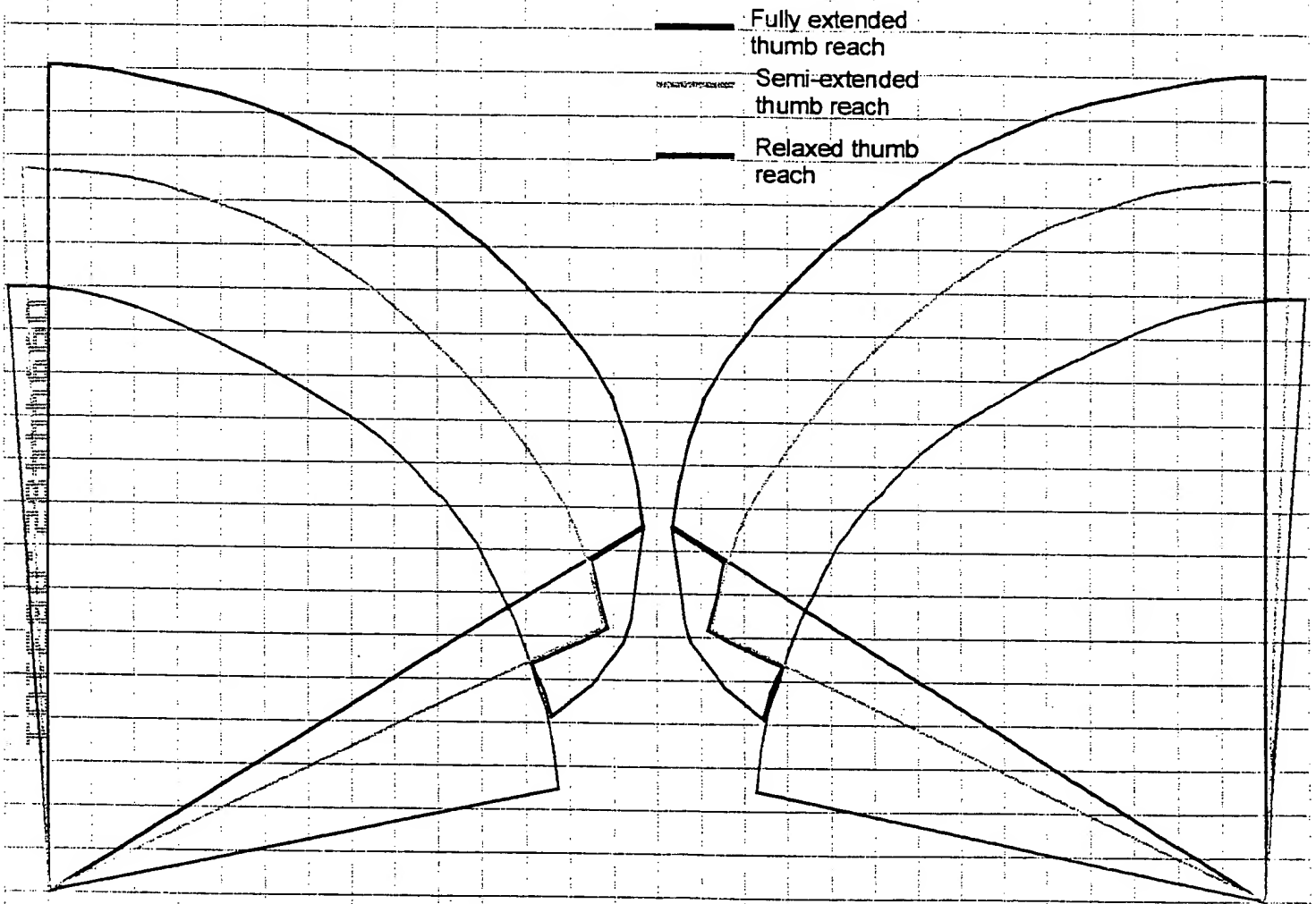
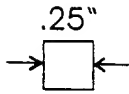
50th Percentile Combined Thumb Sweeps, Male+Females Age 12-19
(Uniform object thickness 0.75", corner radius 1.5")

Notes: Each data point represents thumb tip at centerline of thumb
Left and right thumb envelopes are arbitrarily placed relative to each other
to permit cutting or measurements without overlapped reach lines

* Located vertically over point of thumb base contact with corner,
at midpoint of lower corner radius on device

Fig. 10P

C30



95th Percentile Combined Thumb Sweeps, Males Age 12-19
 (Uniform object thickness 0.75", corner radius 1.5")

Notes: Each data point represents thumb tip at centerline of thumb
 Left and right thumb envelopes are arbitrarily placed relative to each other
 to permit cutting or measurements without overlapped reach lines

* Located vertically over point of thumb base contact with corner,
 at midpoint of lower corner radius on device

Fig 10Q

C31

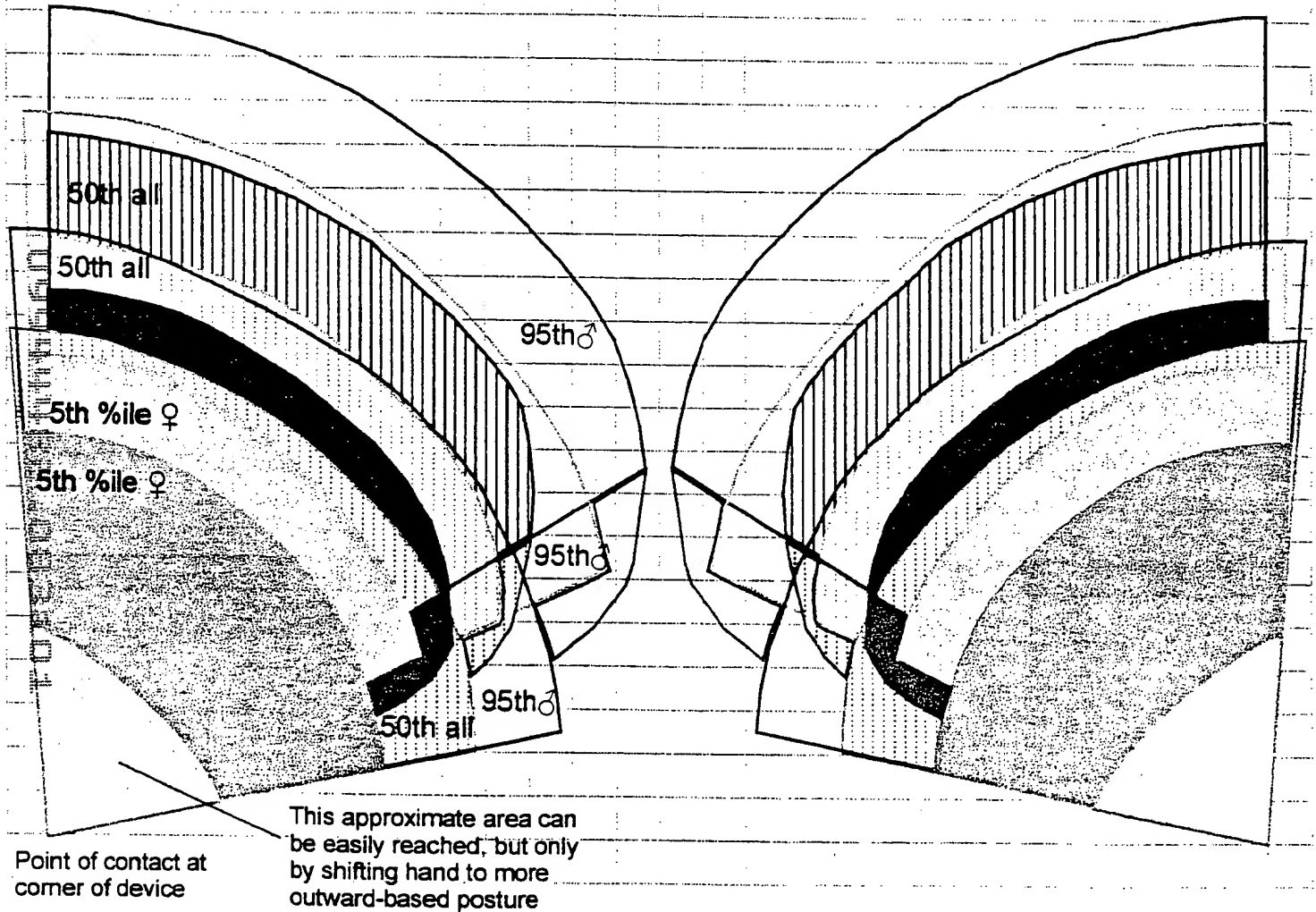
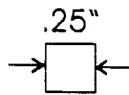


Fully extended thumb reach

Semi-extended thumb reach

Relaxed thumb reach

Area reached with some difficulty while fully extended



Combined Thumb Sweeps, 1st Percentile Females Through 95th Percentile Males Age 12-19

(Uniform object thickness 0.75", corner radius 1.5")

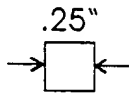
Notes: Each data point represents thumb tip at centerline of thumb
Left and right thumb envelopes are arbitrarily placed relative to each other to permit cutting or measurements without overlapped reach lines

Located vertically over point of thumb base contact with corner, at midpoint of lower corner radius on device

Fig 10R

C32

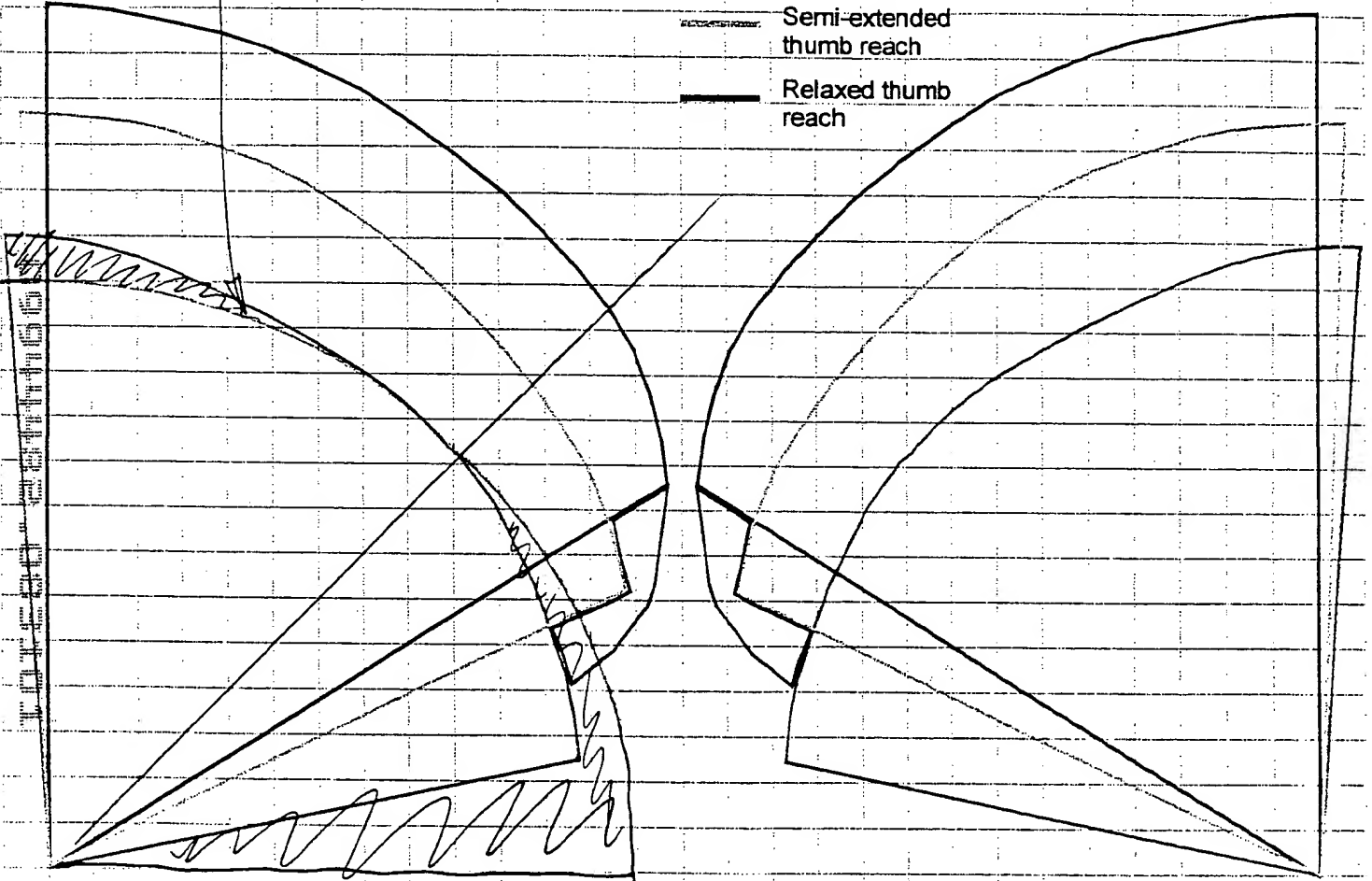
What would happen with circular arcs.



Fully extended thumb reach

Semi-extended thumb reach

Relaxed thumb reach

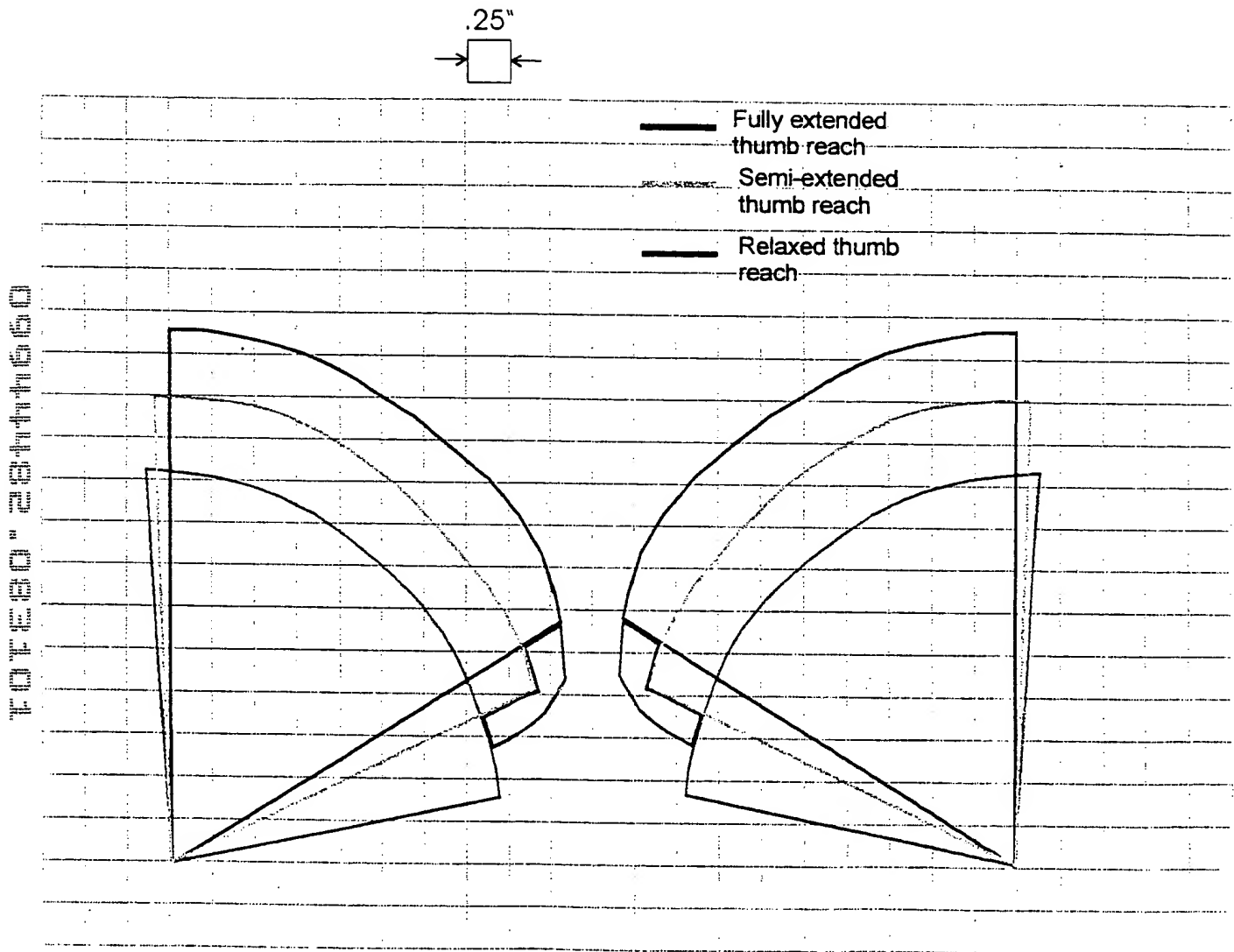


1st Percentile Combined Thumb Sweeps, ~~Females~~ ^{males} Age 12-19
(Uniform object thickness 0.75", corner radius 1.5")

Note: each data point represents thumb tip at centerline of thumb

* Located vertically over point of thumb base contact with corner, at midpoint of lower corner radius on device

Fig 10 S



1st Percentile Combined Thumb Sweeps, Females Age 12-19
(Uniform object thickness 0.75", **corner radius 1.5"**)

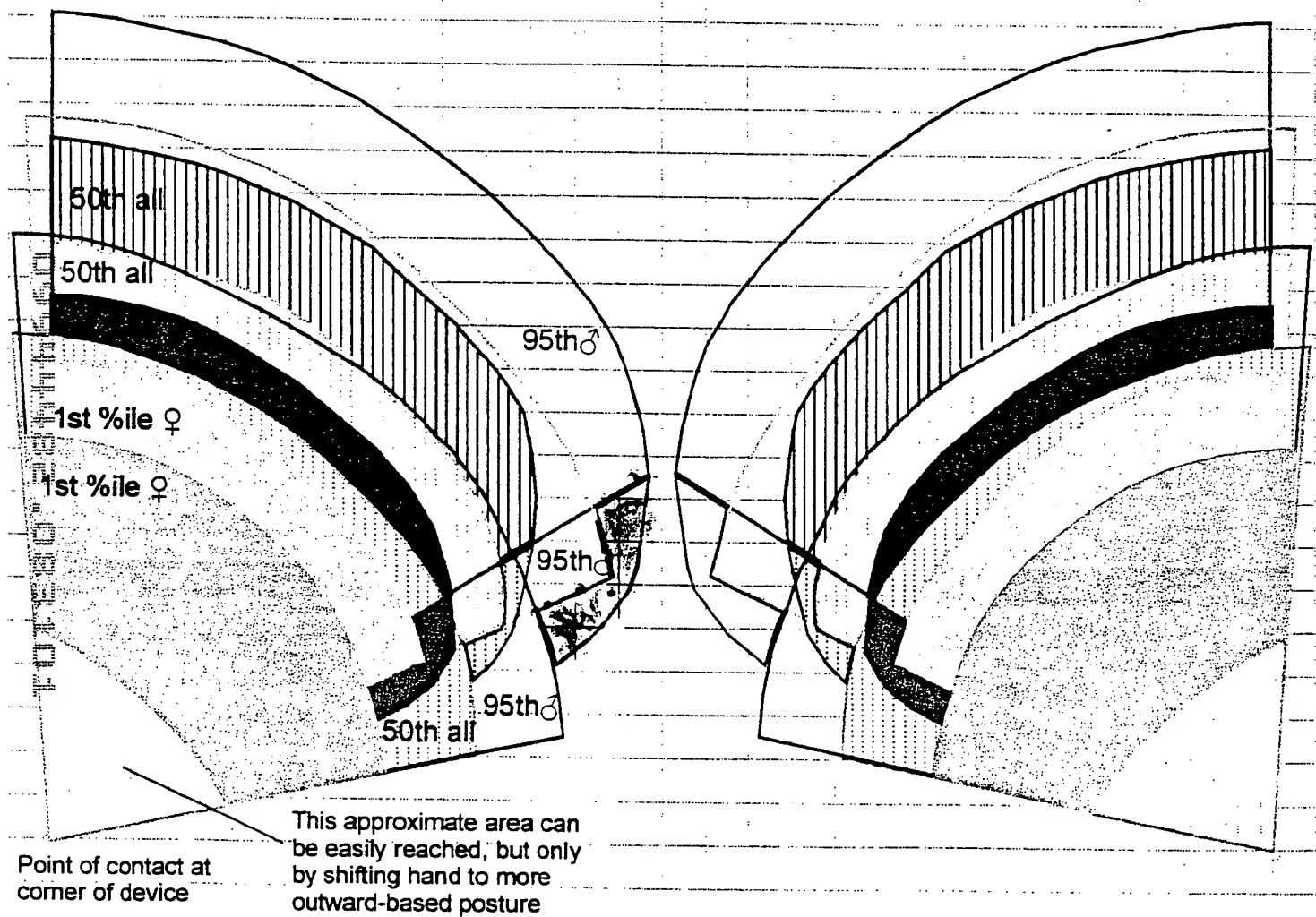
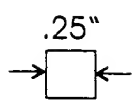
Notes: Each data point represents thumb tip at centerline of thumb
Left and right thumb envelopes are arbitrarily placed relative to each other
to permit cutting or measurements without overlapped reach lines

Fig. 10T

C34



- Fully extended thumb reach
- Semi-extended thumb reach
- Relaxed thumb reach
- Area reached with some difficulty while fully extended



Combined Thumb Sweeps, 1st Percentile Females Through 95th Percentile Males Age 12-19

(Uniform object thickness 0.75", corner radius 1.5")

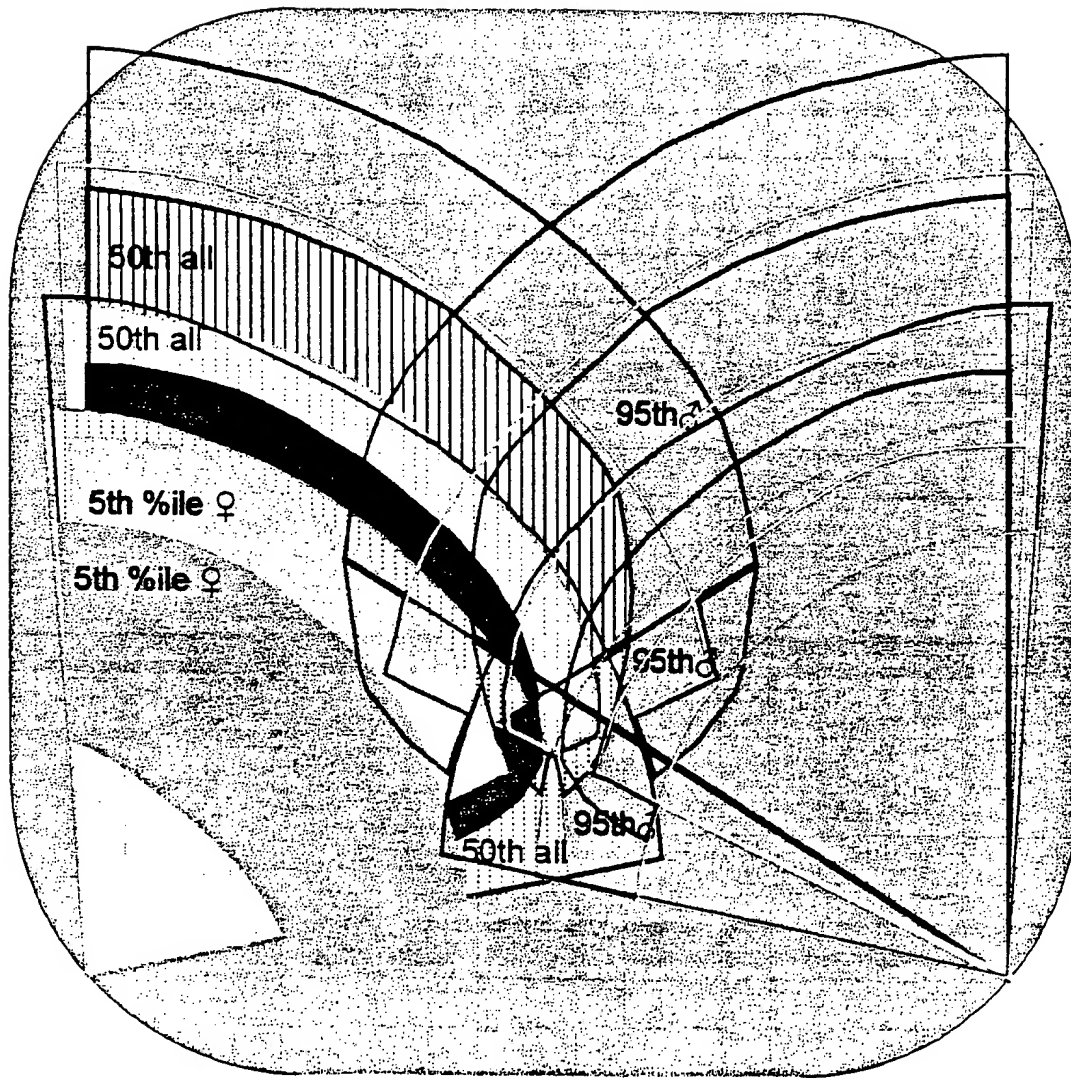
Notes: Each data point represents thumb tip at centerline of thumb
Left and right thumb envelopes are arbitrarily placed relative to each other to permit cutting or measurements without overlapped reach lines

Fig 10U

Located vertically over point of thumb base contact with corner, at midpoint of lower corner radius on device

C35

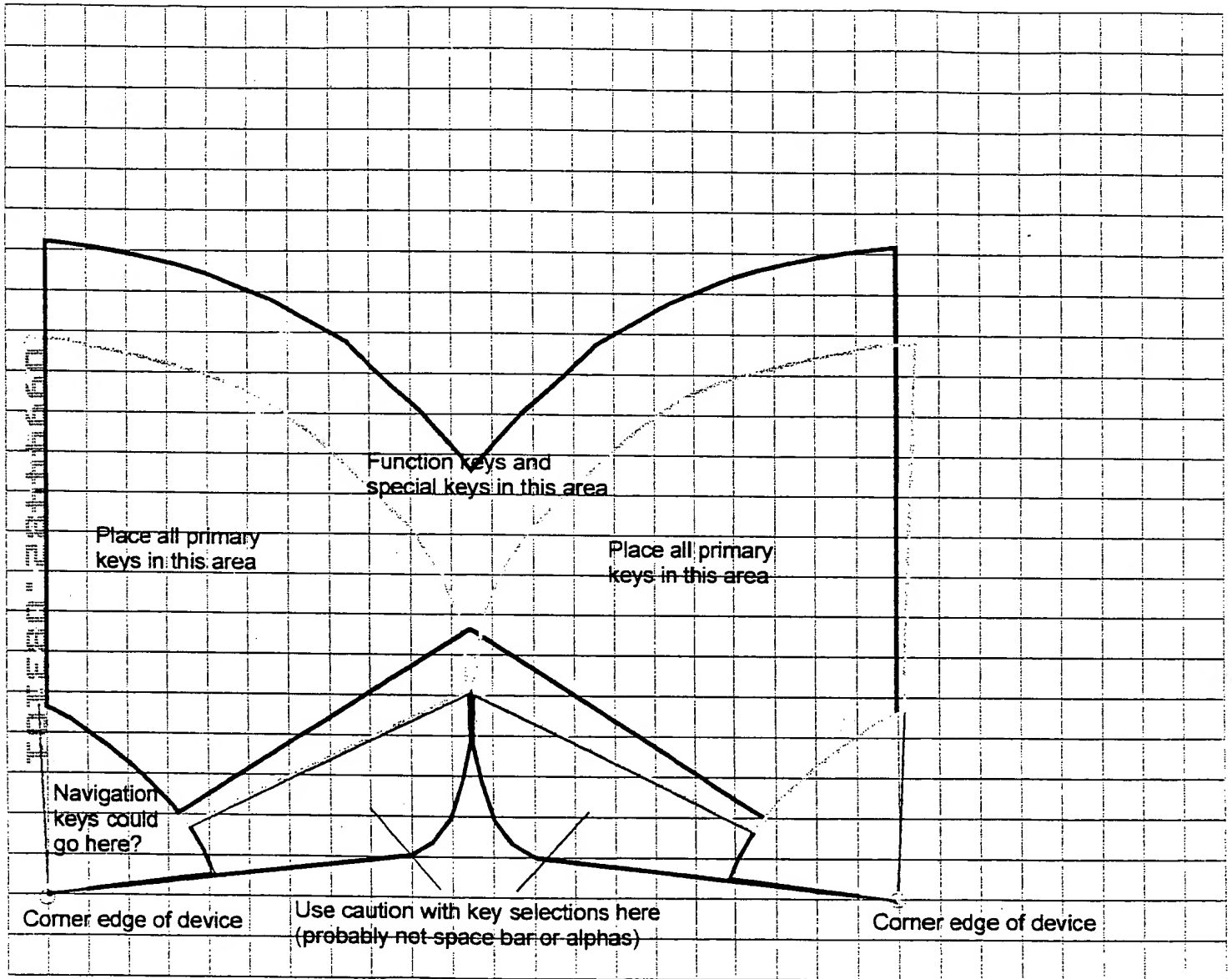
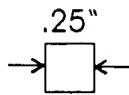
FOI EEO 2844660



Thumb sweeps on 1.5 corner template, 5.5"
(50th percentile relaxed reaches overlap 0.15 in.)

Fig 10V

C36



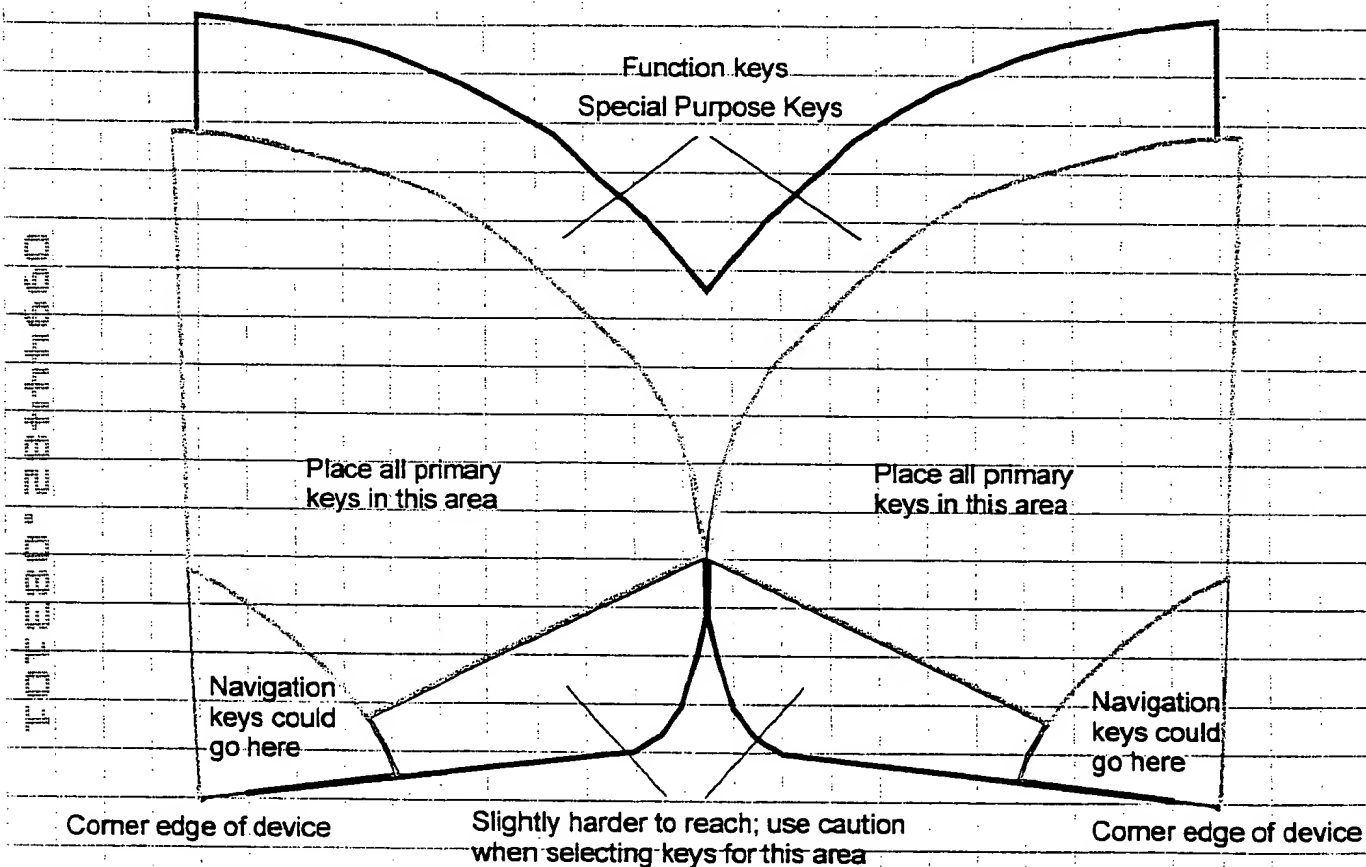
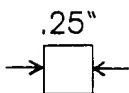
Key Placement Guidelines

(Uniform object thickness 0.75", corner radius 1.5")

Using 50th percentile semi-extended reach for primary keying area

Fig 10W

c37



Key Placement Guidelines

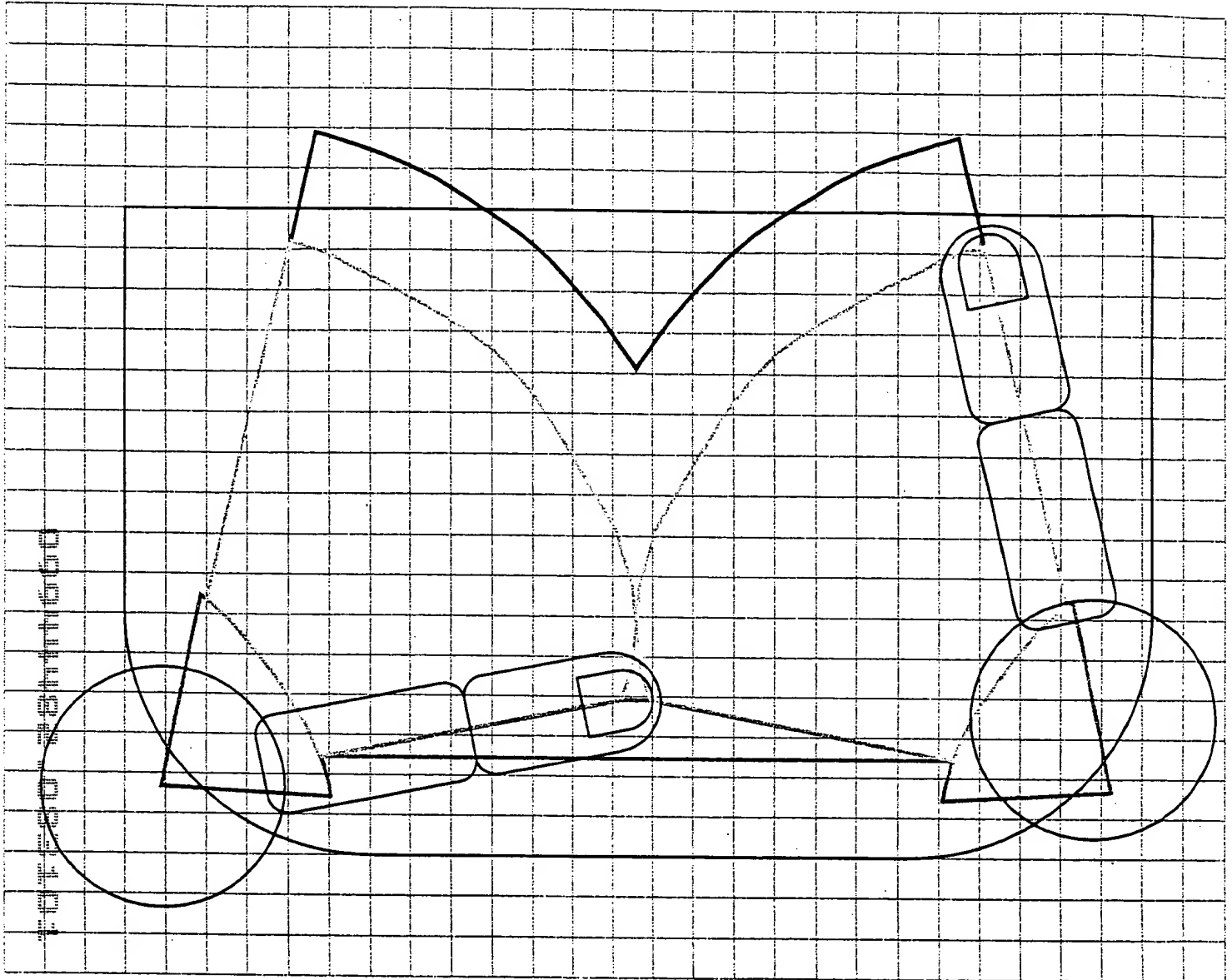
Device thickness 0.75" (uniform), corner radius 1.5" (plan view), corner radius approx. 1.0" (side view)

Notes:

- For device thickness of 0.75 in., keying area width is approx. 5.5 in.
- Reach areas are valid for placement of thumbs at corner or along sides
- Smaller corner radii decrease reach areas but permit easier reach into blue areas
- Device thicknesses greater than 0.75 in. quickly decrease size of reach areas
- Reach plots generally indicate a device width of approx. 6.0 in.

Fig 10X

C38



Combined male and female

1. Used reach envelope of 50% woman with relaxed grip (not pick or extended reach).
2. Drew geometry to represent the approx dims of 50% woman. Circle represents the palm at the base and crotch of the thumb.
3. Rotated the reach envelope approx 15° to more closely resemble the hand posture of holding a game controller.

Fig 10Y

Automated Wrapping Process

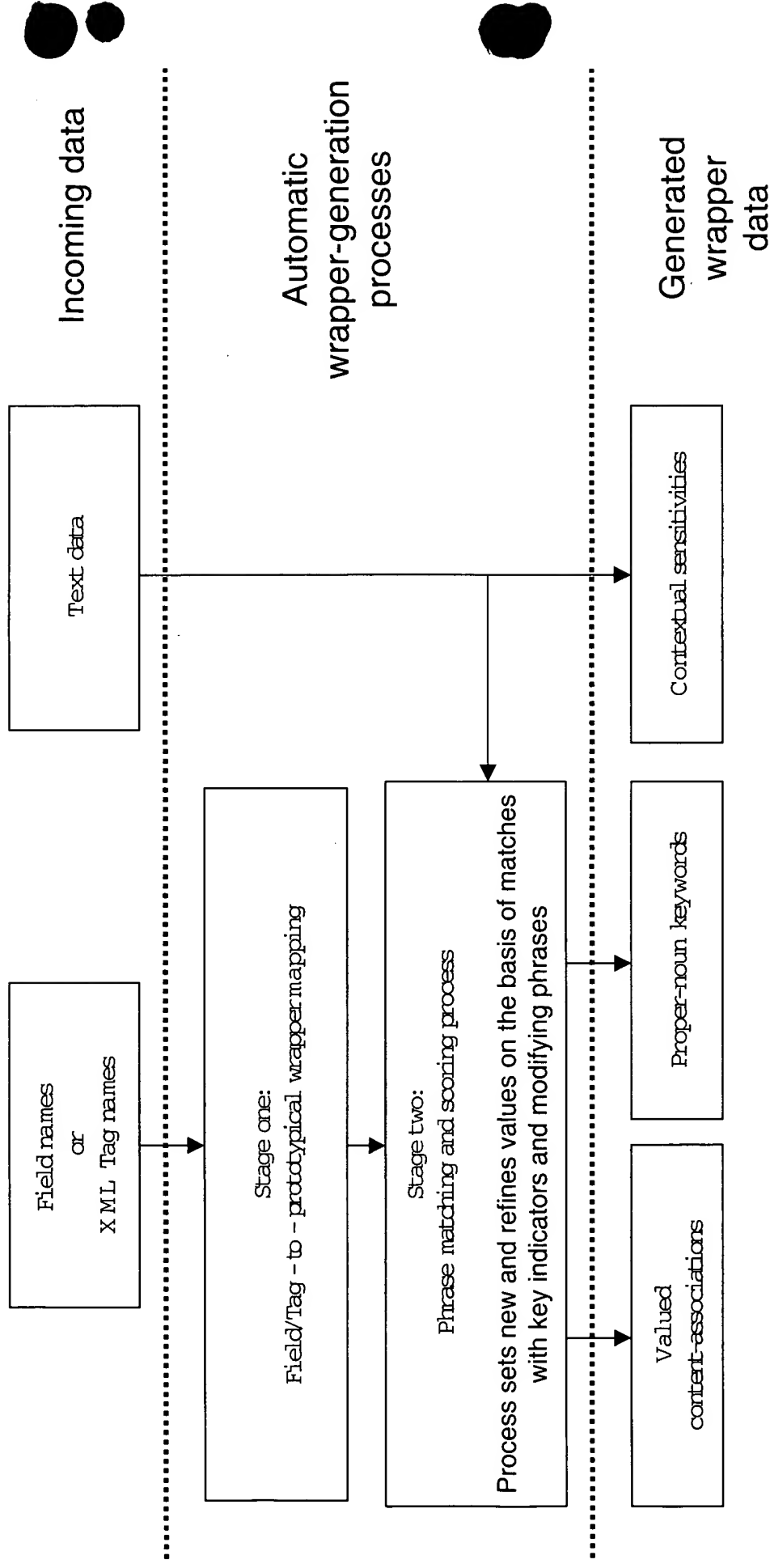


Figure 11

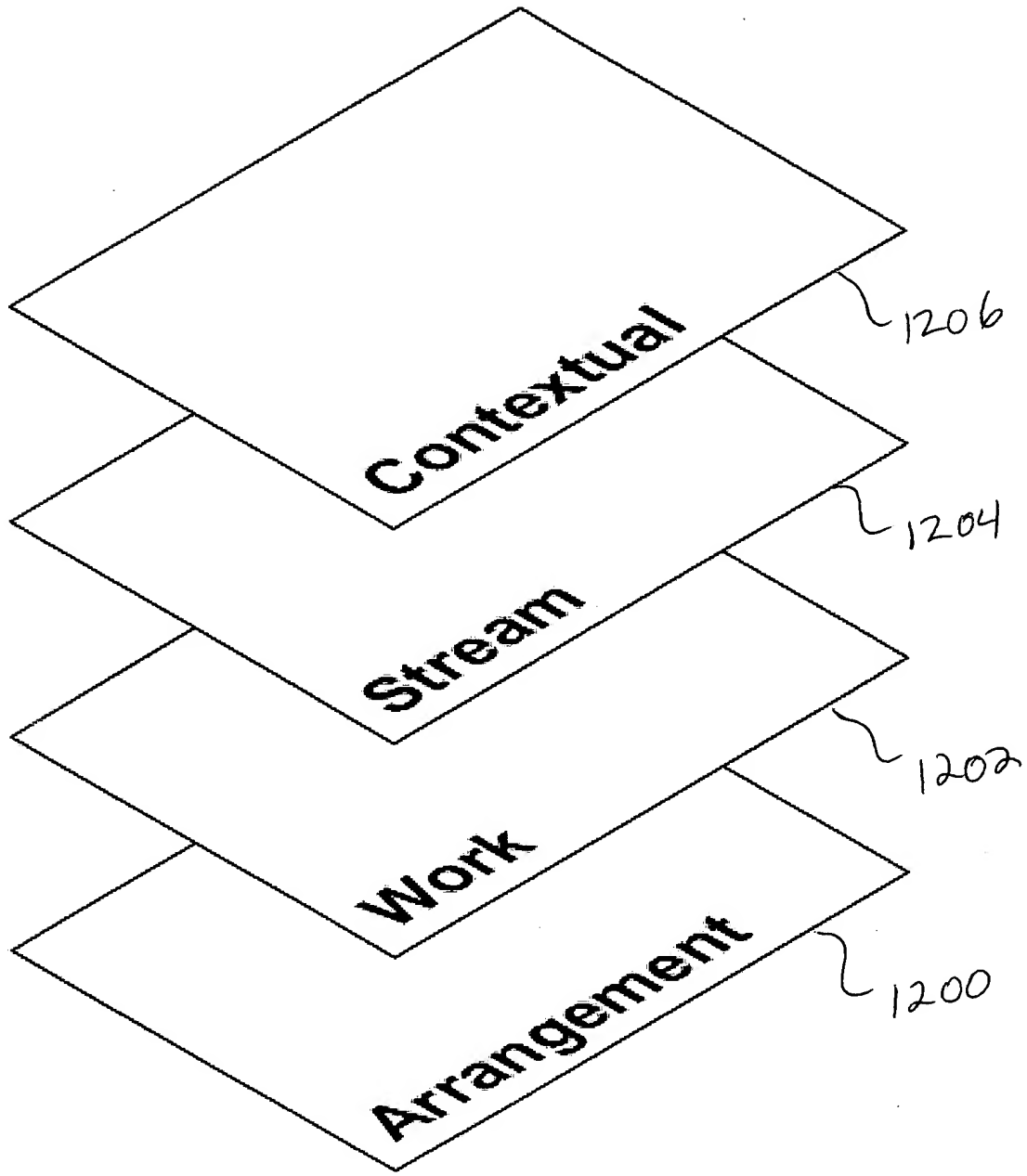


Fig. 12

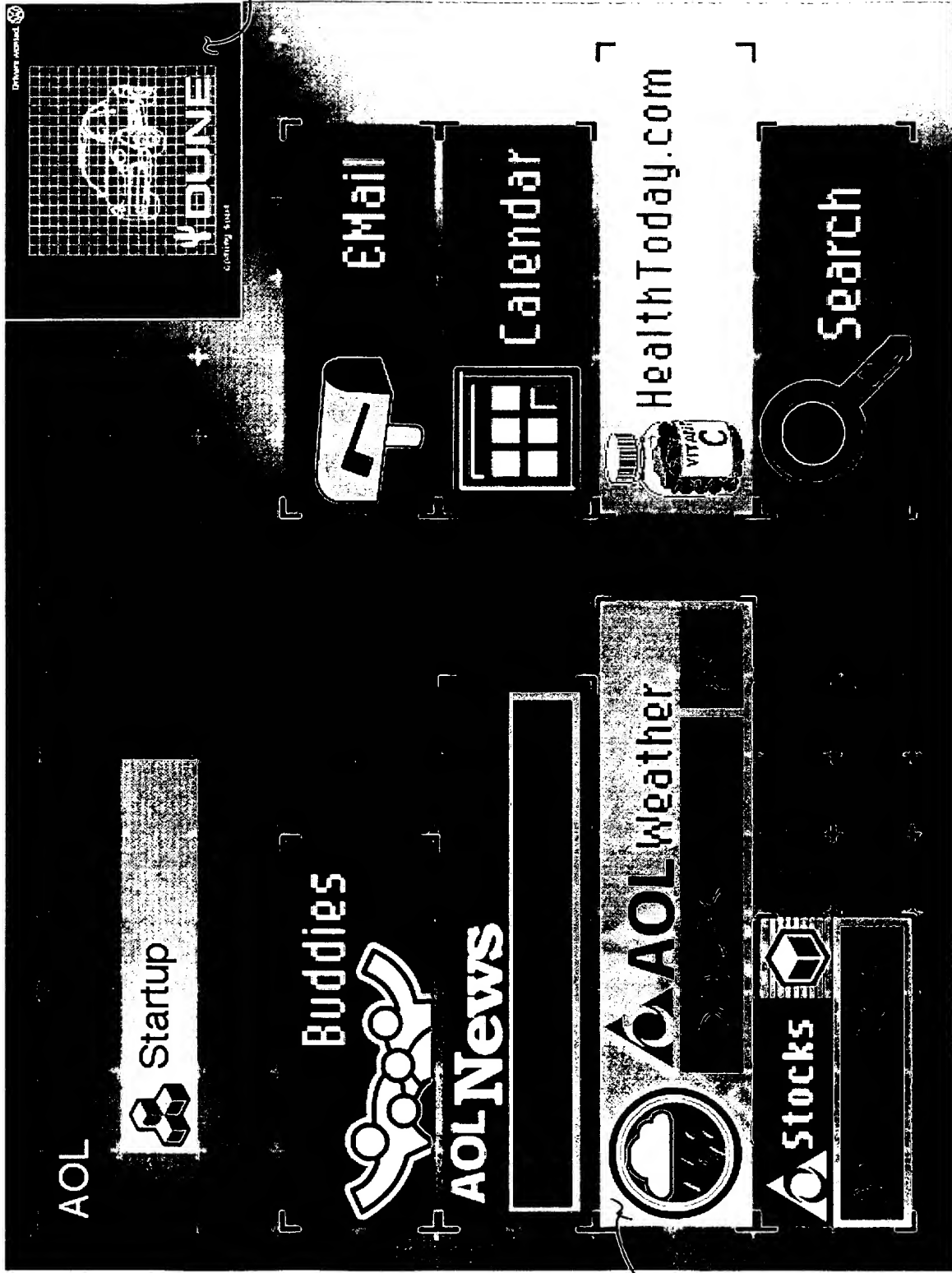


Fig. 13A

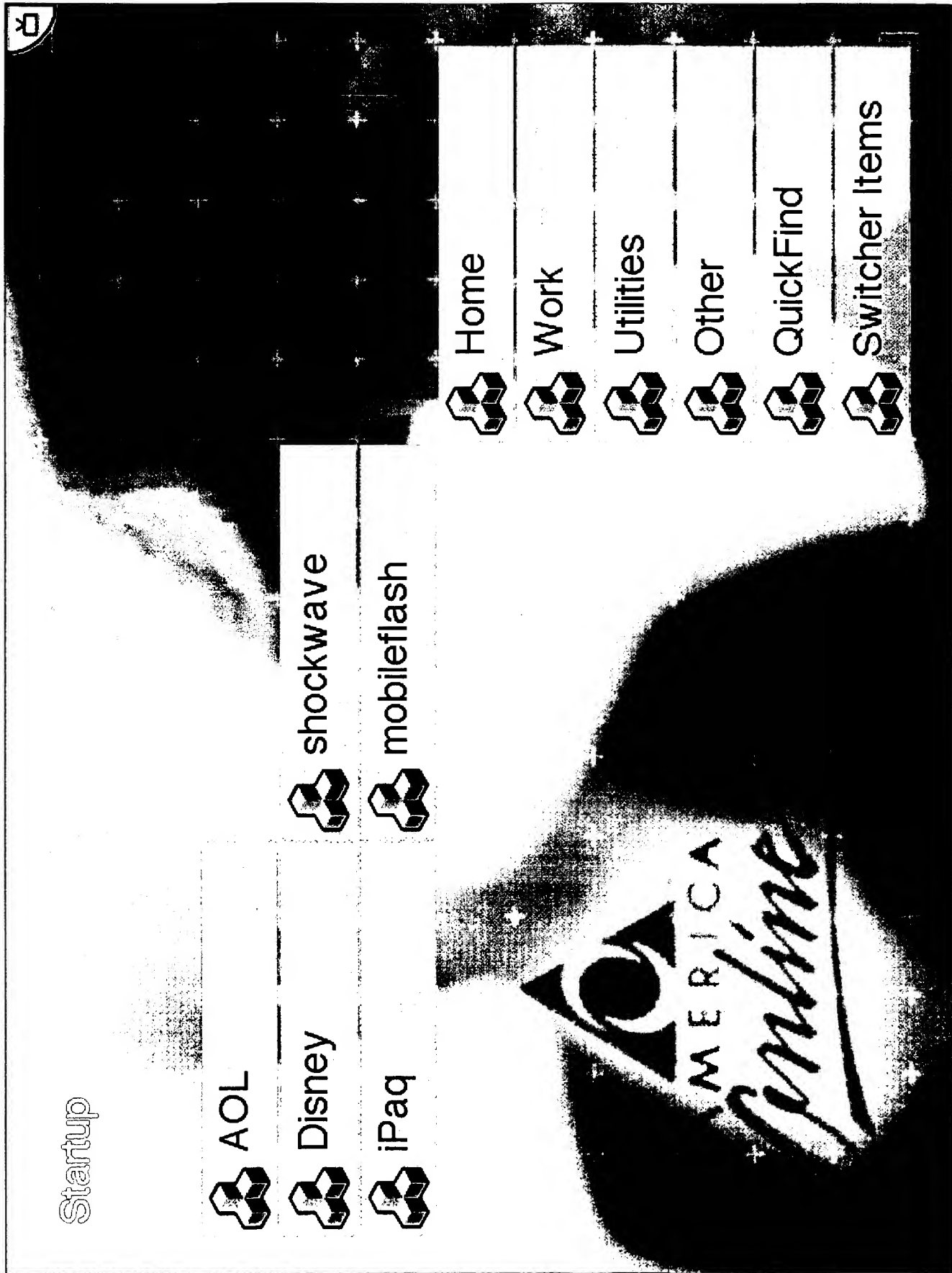


Fig. 14A

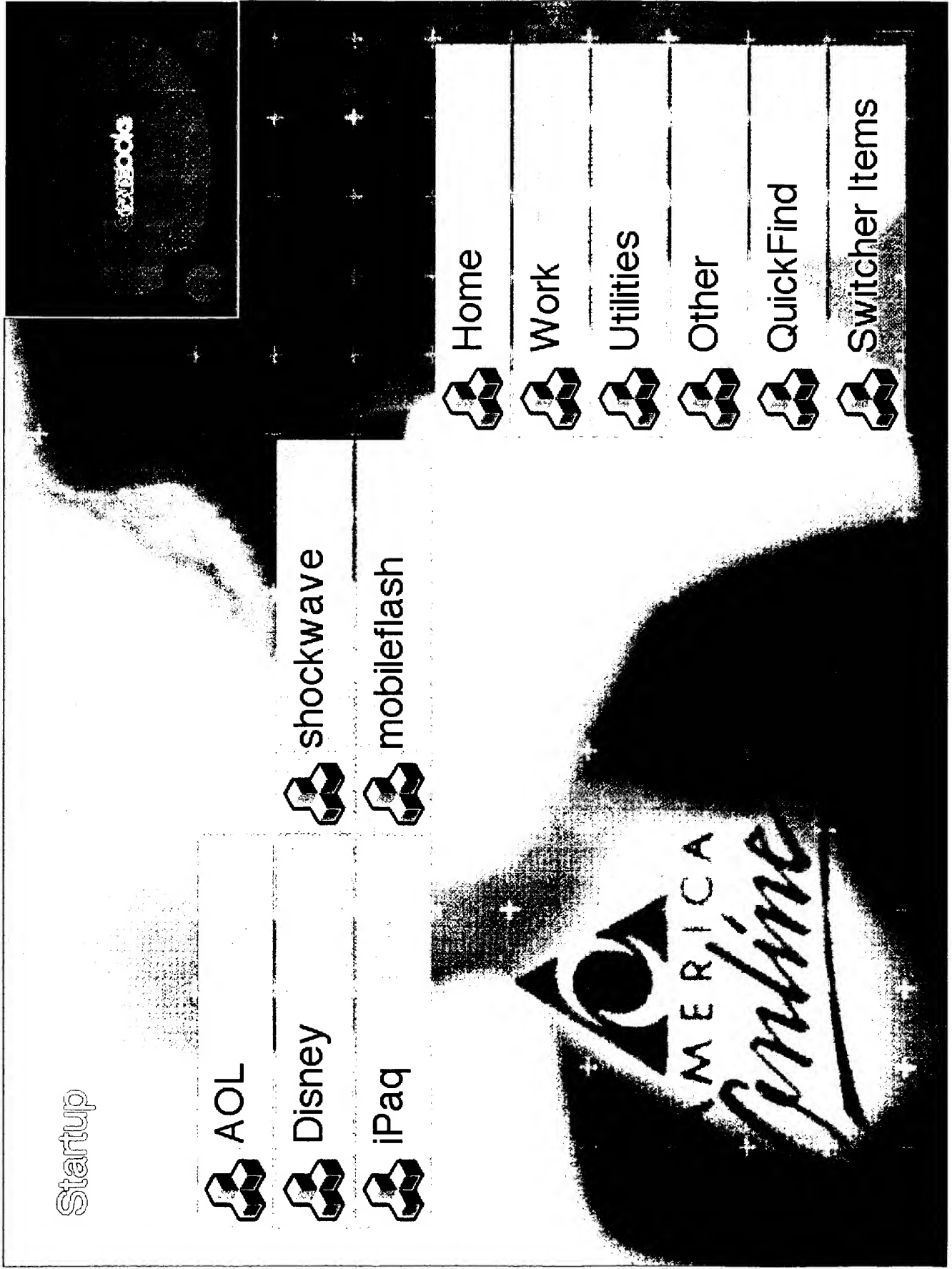


Fig 14B

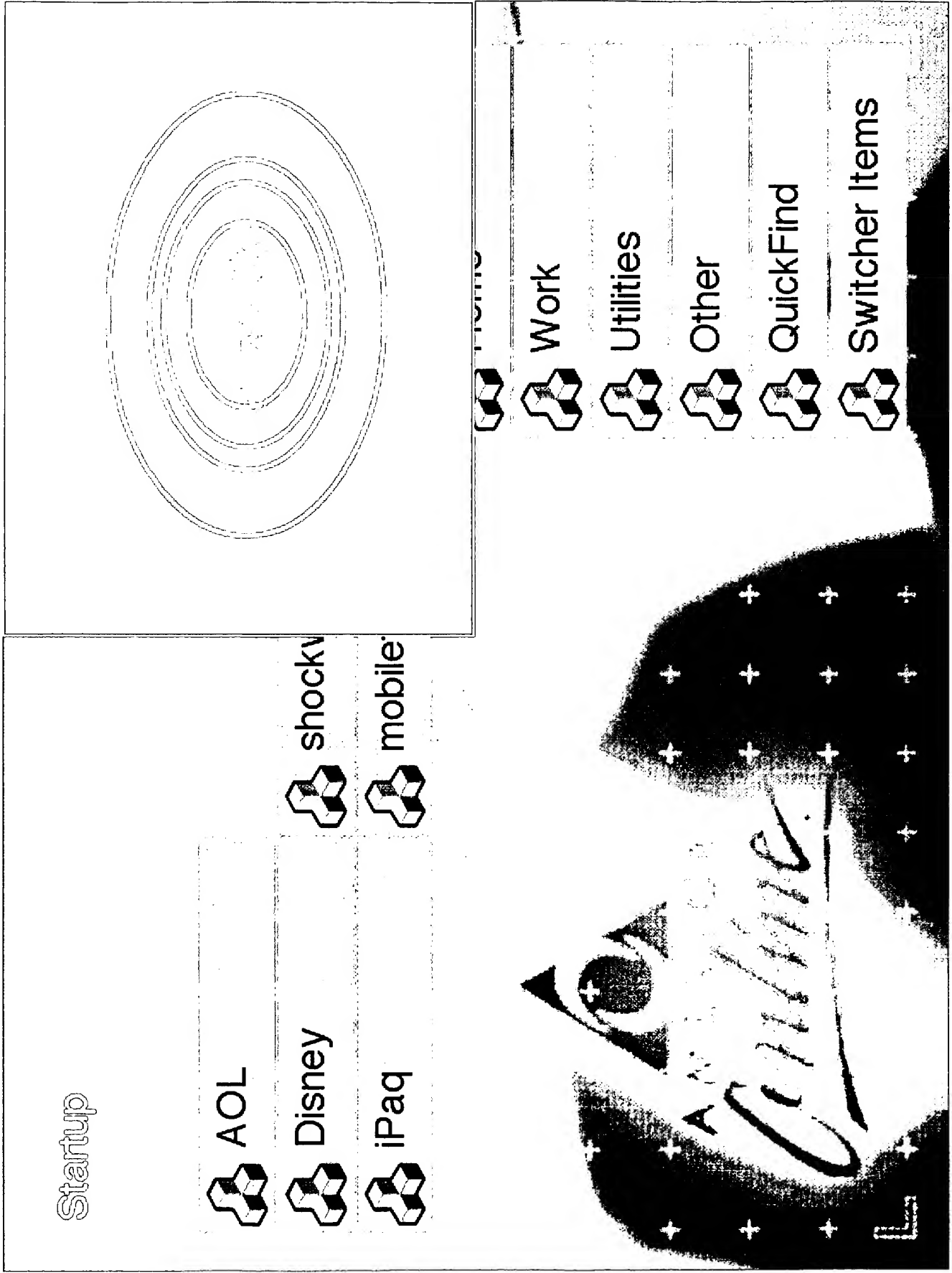


Fig 14C

TOE80" 28444660

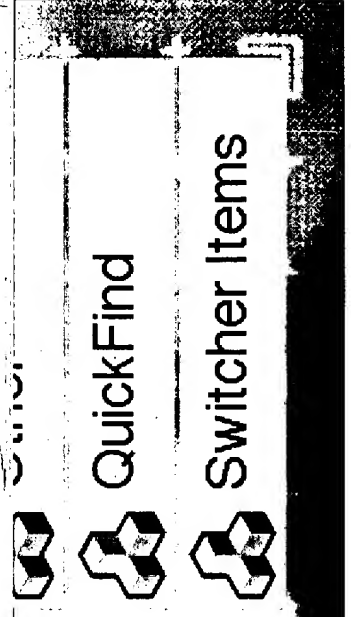
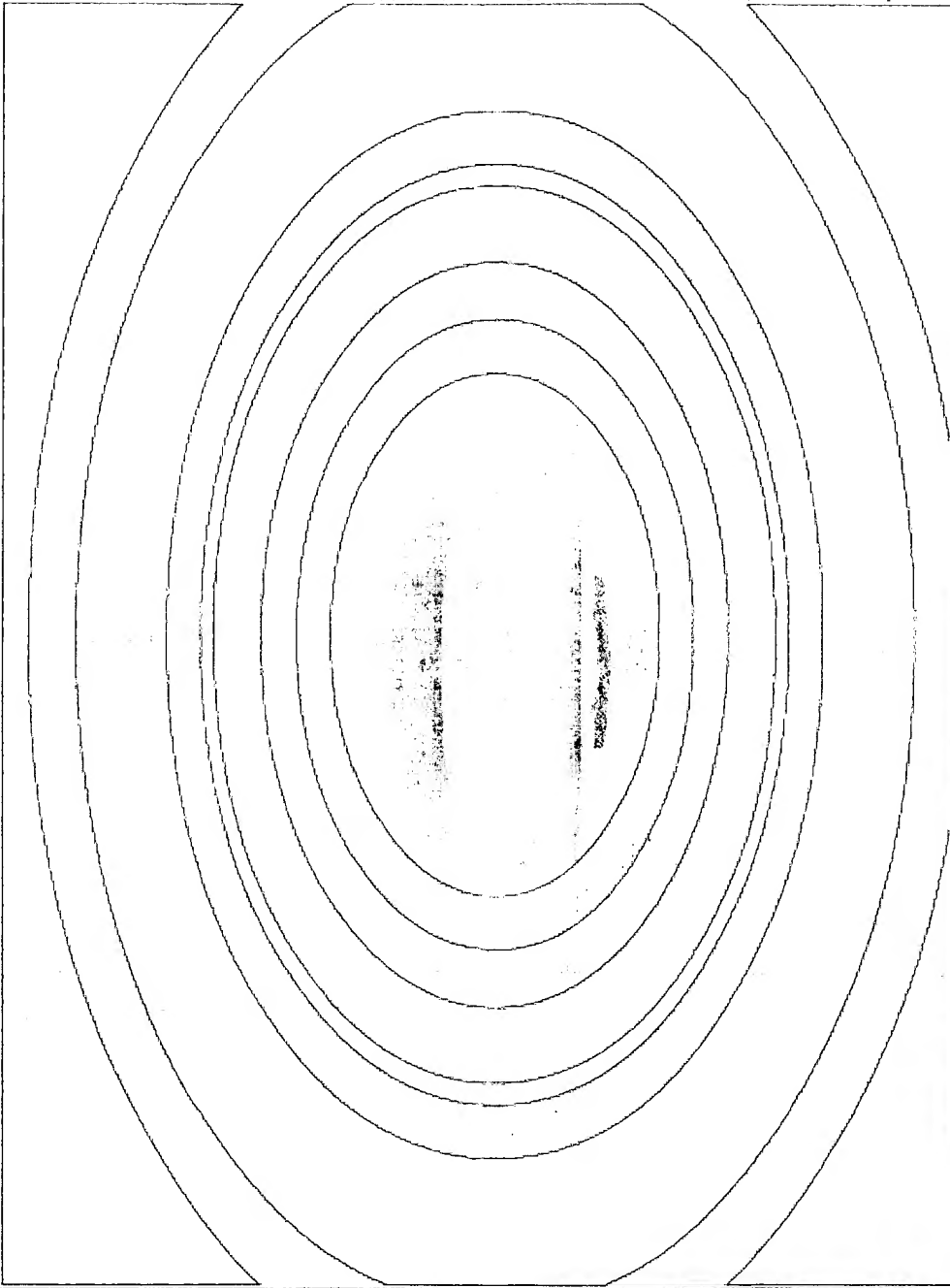
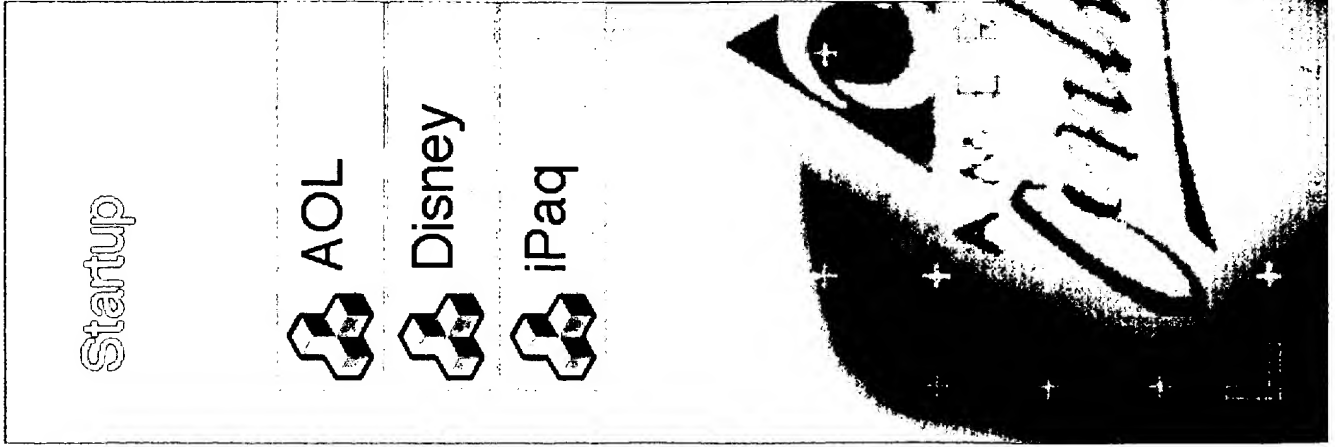


Fig 14D

090444Z 083101
TOEBO 2844660

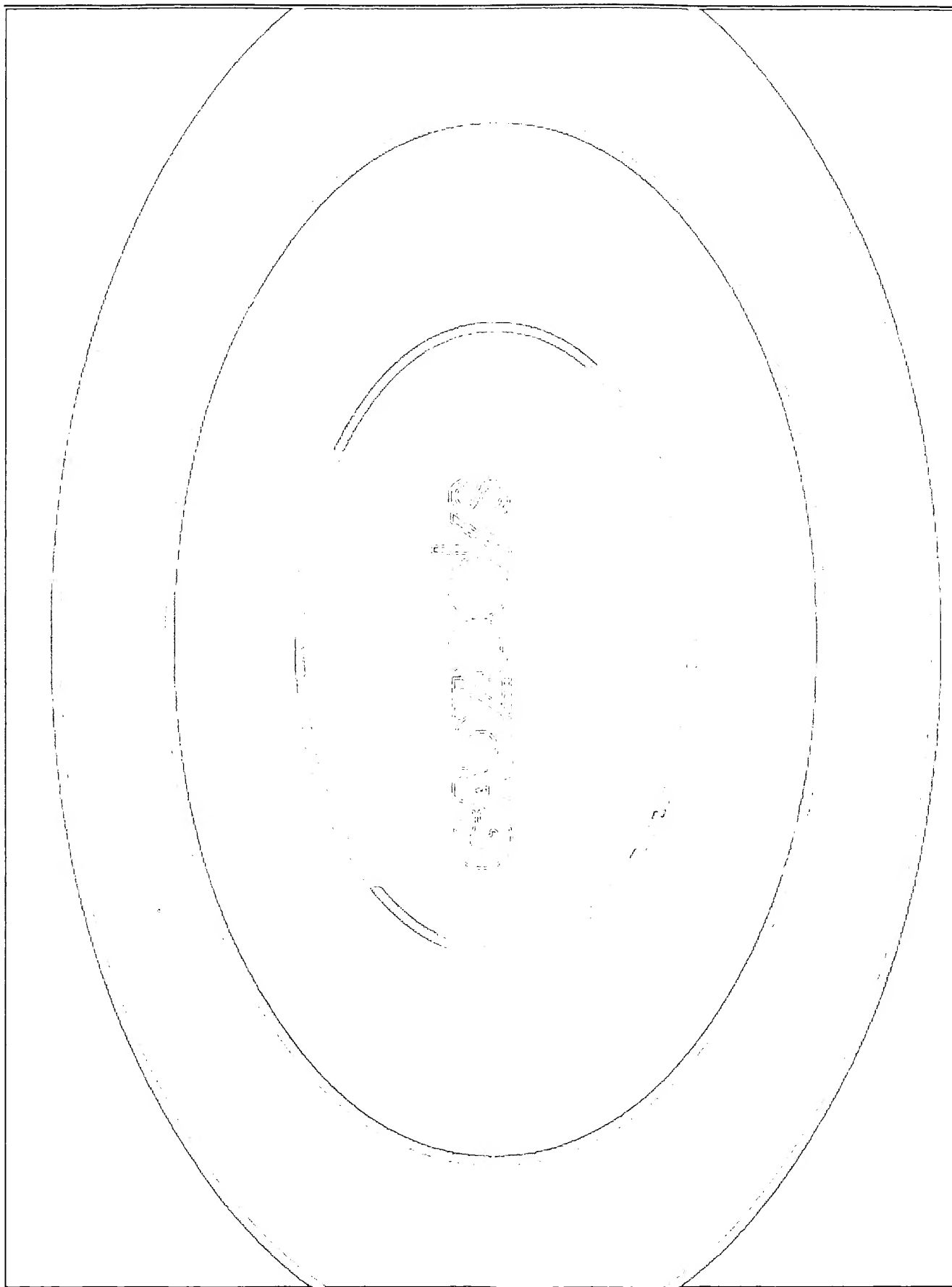


Fig 14E

05871850

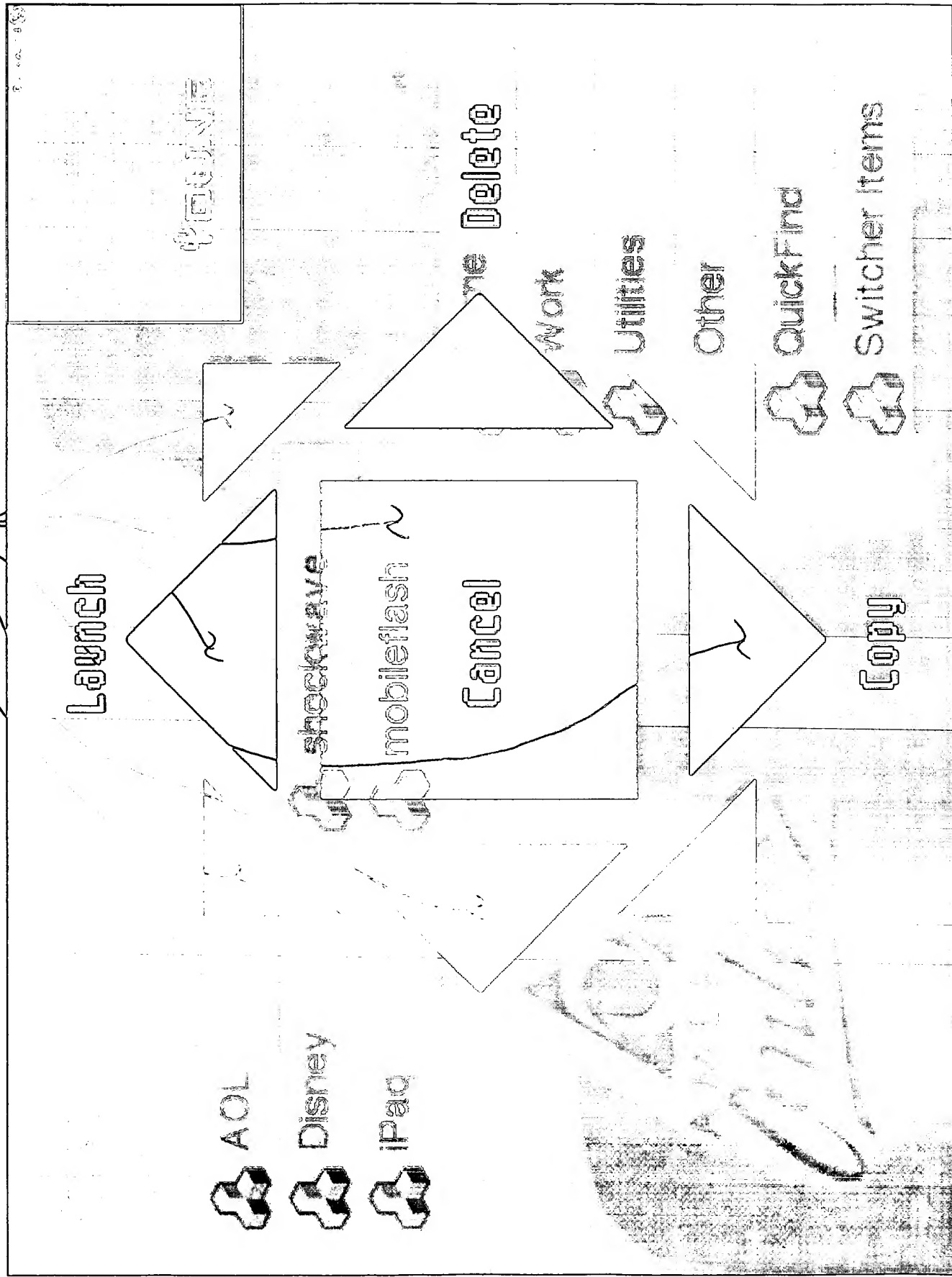


Fig. 15

1860

August 2001

s m t w t f s

| | | | | | | |
|----|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | 31 | |



Close

Close

Fig 16

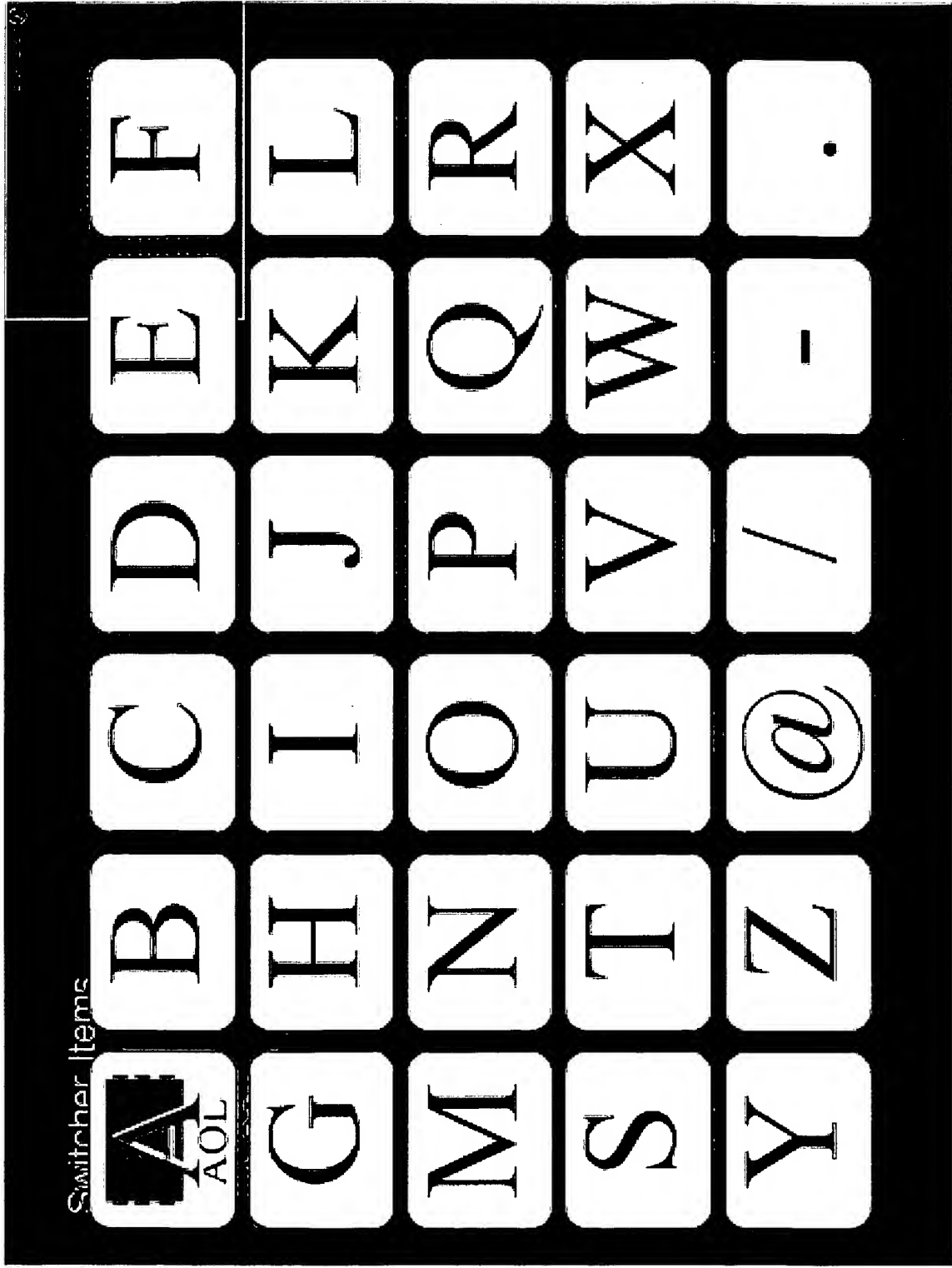
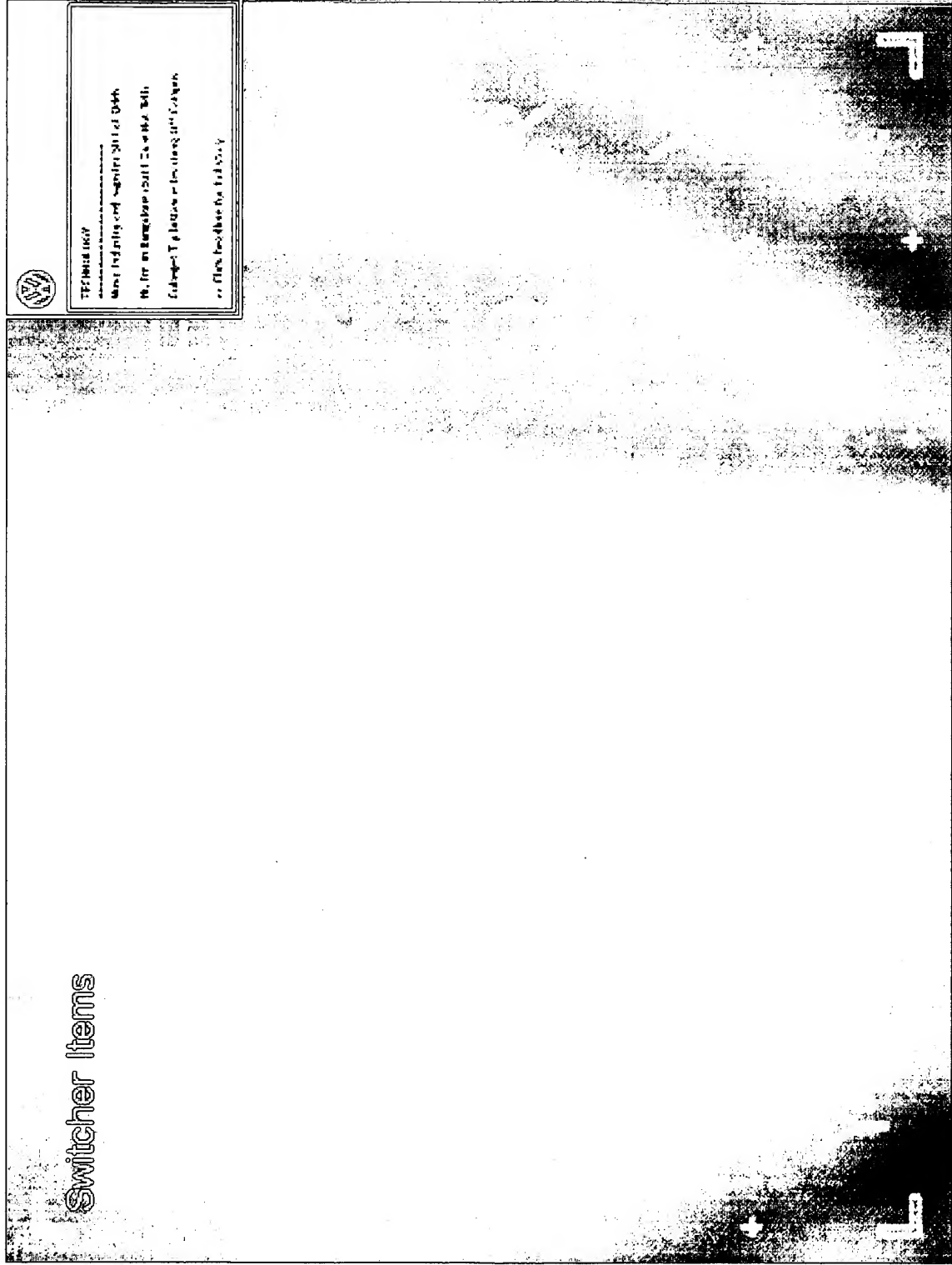


Fig. 17A

FOREIGN COUNTRIES



Switcher Items



TECHNICAL DATA

When installing and operating Switcher Items,
the user must read and understand the
instructions and warnings provided in the
manual. The user must also read and
understand the instructions and warnings
provided in the manual.

Fig 17B

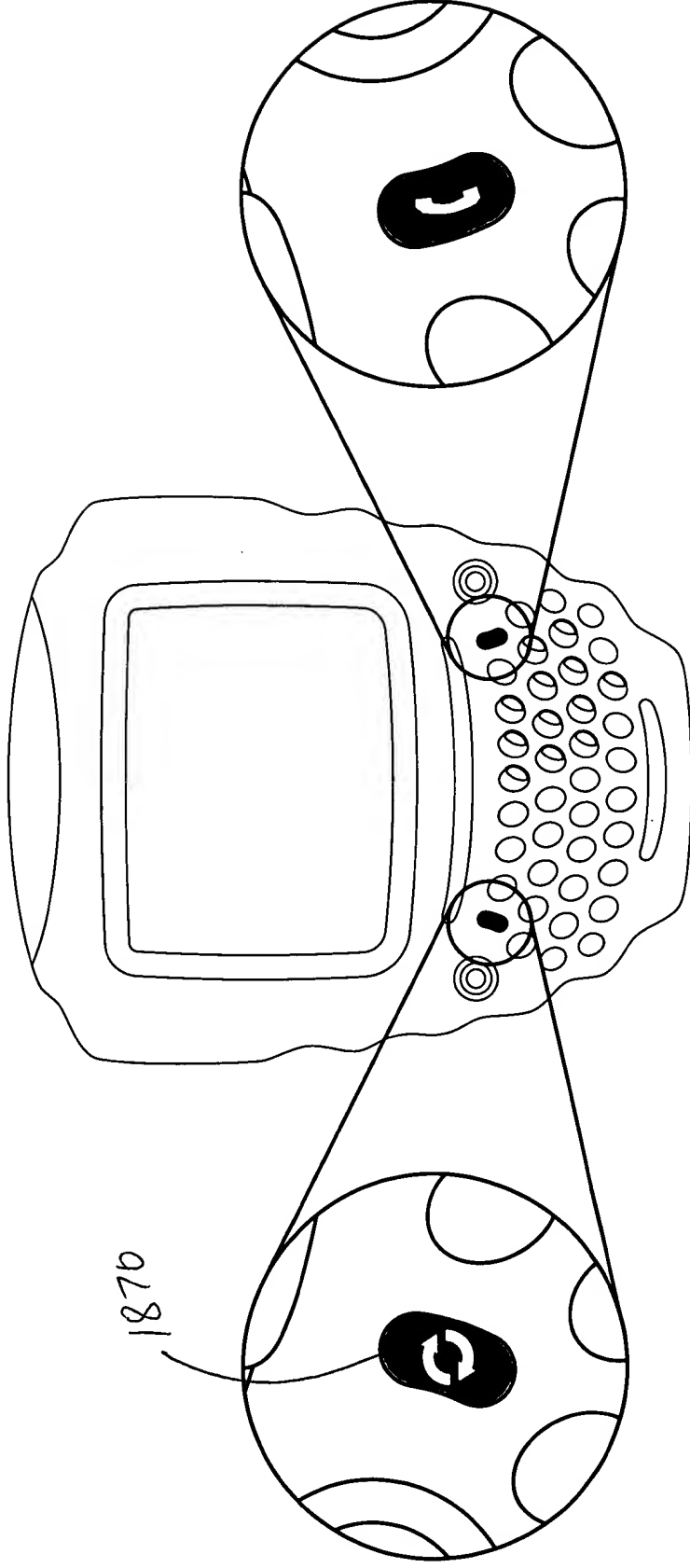


Fig 17D

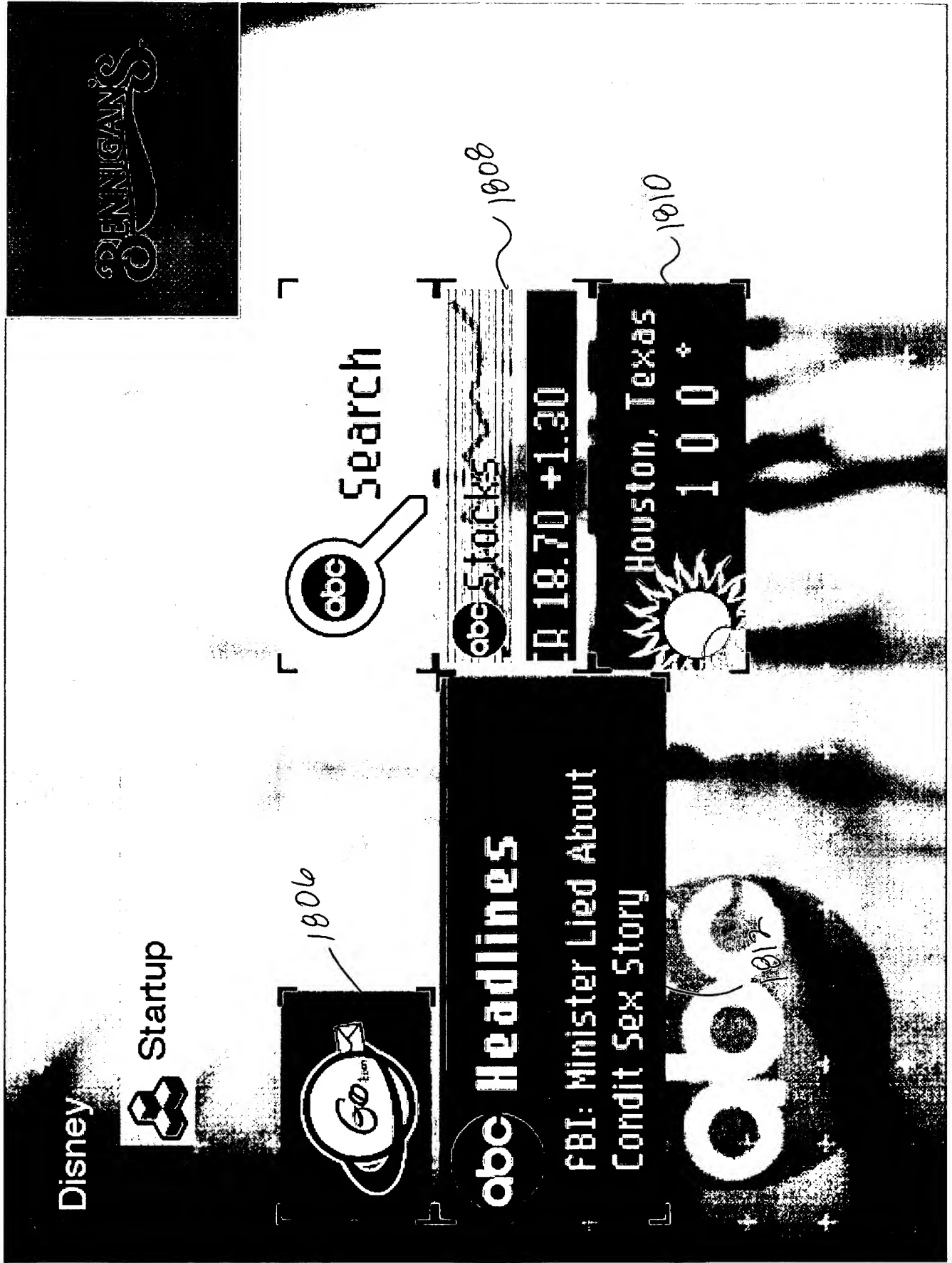


Fig. 18A

Utilities








| | | |
|---|--|------|
|  Startup |  | 1820 |
| Phone |  | |
| Email |  | 1814 |
| MP3 Player |  | |
| MIDI Editor |  | 1818 |
| wap |  | 1816 |
| Calculator | | |

Fig 18B

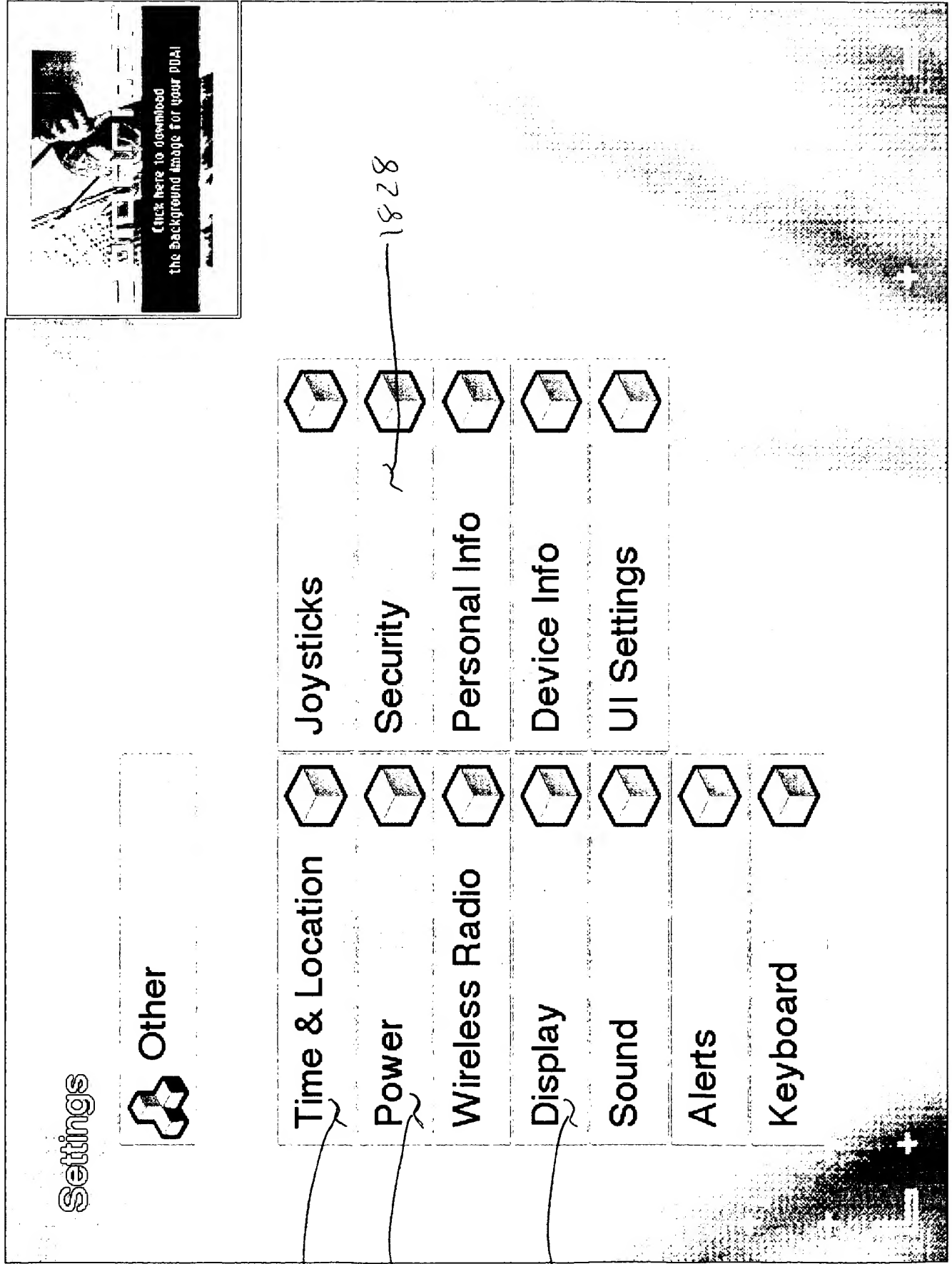


Fig 18c

FIG. 18D

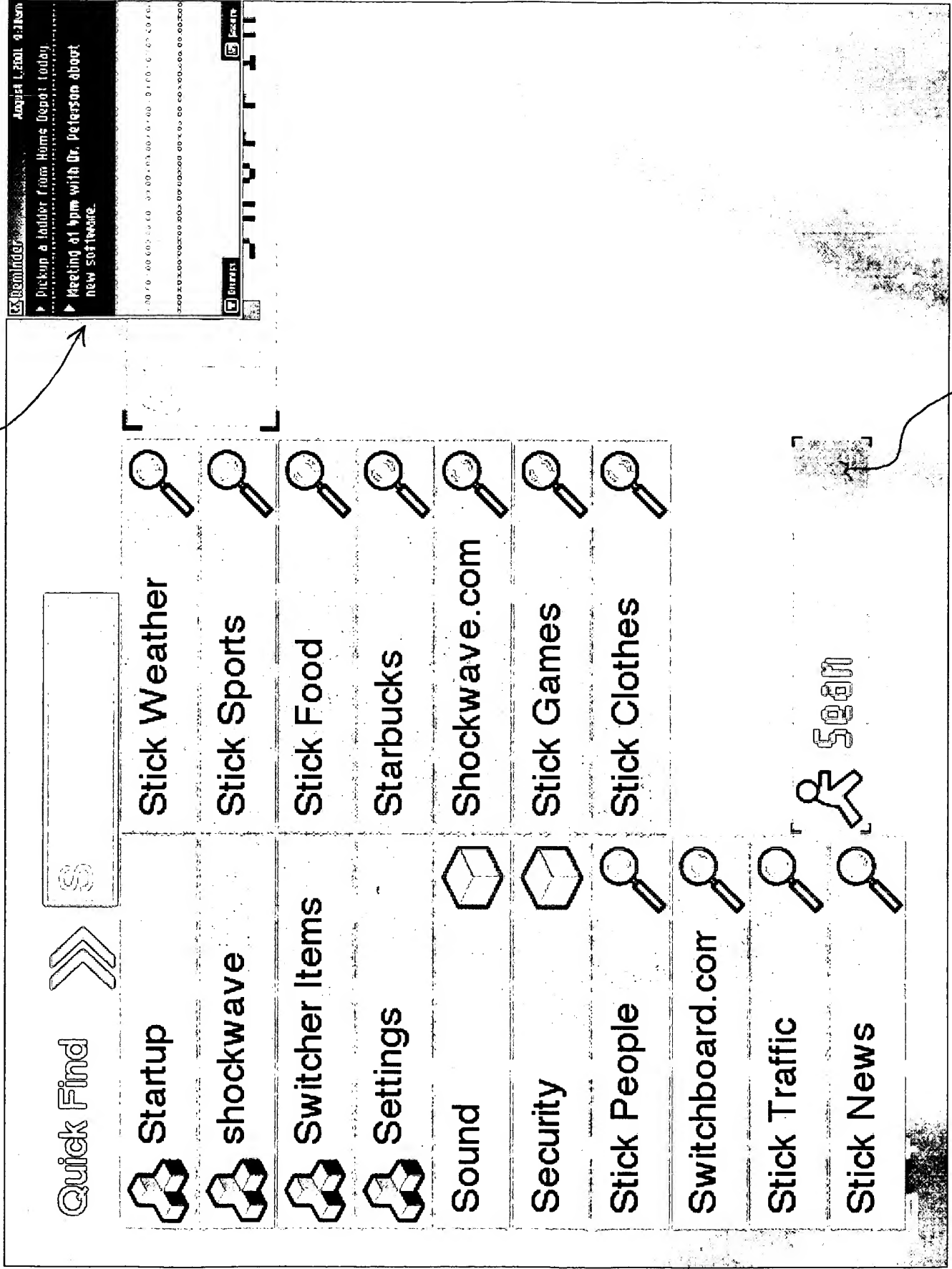


Fig 18D

1800

107E80" 284445D

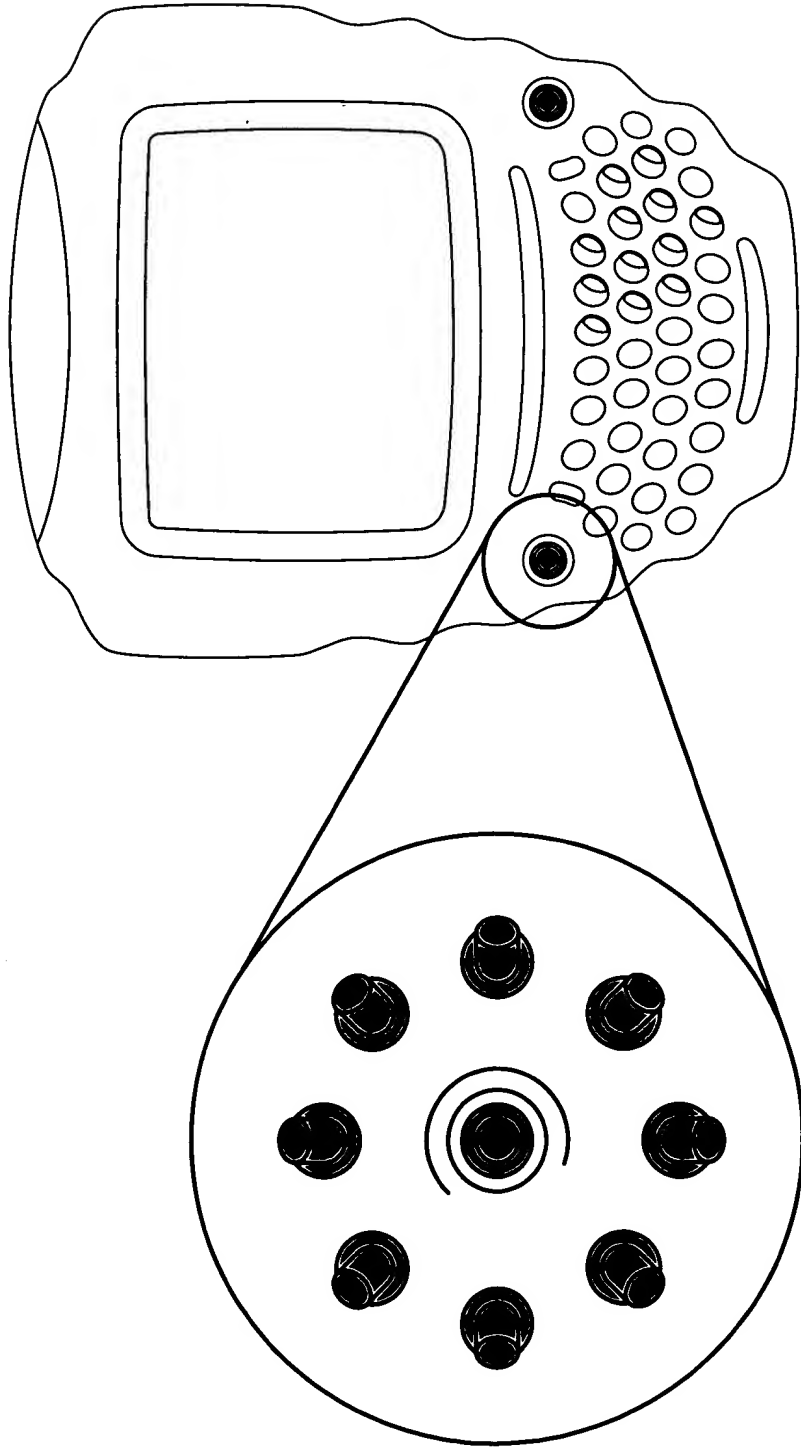


Fig 19